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STATE OF WEST VIRGINIA

DEPARTMENT OF HEALTH

HEALTH STATISTICS CENTER

FORTY-FIRST ANNUAL REPORT

VITAL HEALTH STATISTICS OF WEST VIRGINIA 1987

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FOREWORD

Data used to prepare this report are taken from birth, death, fetal (stillborn), marriage, and divorce certificates of these events occurring in calendar year 1987 and filed in the Office of the West Virginia Registrar of Vital Statistics prior to June 1, 1988. Vital events occurring to West Virginia residents in other states and recorded in the office of the registrar by June 1 are also included in totals by residence.

All statistics contain variations that are the result of chance. This characteristic is of particular importance in classifications with small numbers of events, where small variations are proportionately large in relation to base figures. As an example, small changes in the number of deaths or births in small population areas or in the number of deaths from uncommon causes could result in large changes in the respective rates. For this reason, rates for counties with small populations or other small bases should be used cautiously.

Suggestions and comments on alternate methods of data presentation are welcome. Forward any suggestions to the address below:

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WEST VIRGINIA
VITAL STATISTICS SUMMARY
1987

Population

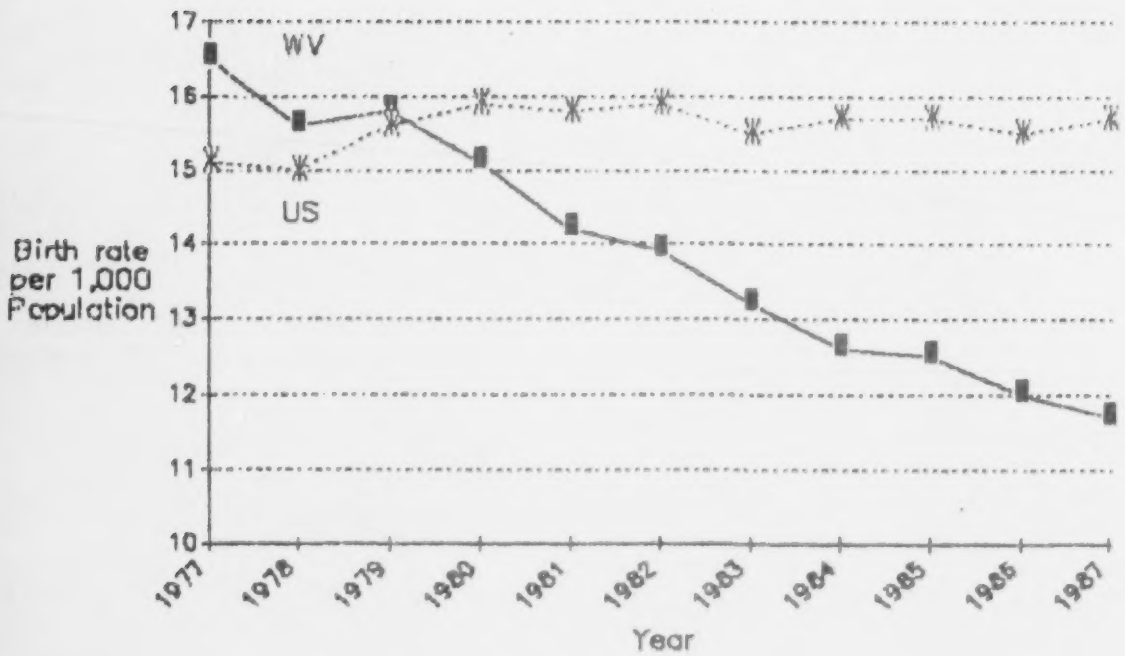
During 1987, 2,661 West Virginians were added to the population as a result of natural increase, the excess of births over deaths. The rate of natural increase was 1.4 persons per 1,000 population, 23.5% lower than the 1986 rate of 1.7. For the United States, the rate of natural increase was 7.0 persons per 1,000 population, 3% above the 1986 rate of 6.8. According to the July 1, 1986, population estimate provided by the Bureau of the Census, West Virginia's population had decreased by 31,000 (-1.6%) since the 1980 census, indicating that outmigration during the six-year period exceeded the sum of inmigration and natural increase.

Live Births

For the eighth year in a row, West Virginia births decreased, with a total of 22,424 resident live births in 1987. A birth rate of 11.7 per 1,000 population was reported in 1987, compared to 12.1 in 1986. During the past decade, the number of live births peaked at 30,020 in 1977, leveled off through 1979, and decreased from 1980 through 1987 by an average of 1,002 births per year.

The U.S. 1987 provisional birth rate was 15.7 live births per 1,000 population, 1% above the rate for 1986 (15.5). As the graph below shows, West Virginia's birth rate fell below the national birth rate for the first time in 1980, and has continued to drop even farther through 1987.

WEST VIRGINIA AND UNITED STATES BIRTH RATES
1977-1987



The number of births to women aged 30 and over exceeded those to teenage mothers (ages 10-19) for the fourth year in a row in West Virginia. In 1980, 20% of total births were to mothers aged 10-19 and 15% to mothers aged 30 and over, compared to 17% and 21%, respectively, in 1987. This shift can be explained by both

the continued decrease in the teenage female population during the 1980s and the fact that many women are delaying childbearing until later years.

The percentage of total births occurring in hospitals, freestanding birthing centers, or enroute to a hospital was 99.5% in 1987, compared to 99.6% in 1986. The percentage of all births attended by a physician was 98.7%; in 1986 it was 98.9%. The number of home births increased from 91 in 1986 to 100 in 1987. Nineteen babies were born enroute to hospitals, and 165 (0.7%) were born in free-standing birthing centers.

In both West Virginia and the United States, the number and percentage of live births occurring out of wedlock has risen steadily during the past decade. For West Virginia in 1987, the percentages of white and black births that occurred out of wedlock were 19% and 59%, respectively, compared with 18% and 50% in 1986. Corresponding national percentages were 14% and 60%, respectively, in 1985, according to the National Center for Health Statistics. While the total number of births to teenage mothers decreased by 151 (3.8%) from 3,970 in 1986 to 3,819 in 1987, the percentage of births to unmarried teenage mothers increased from 45.4% in 1986 to 49.6% in 1987. Women aged 20 and over accounted for 59% of nonmarital births in 1987, compared to 56% in 1980.

The percentage of live births of low birthweight (less than 2,500 grams, or 5½ pounds) infants increased slightly, from 7.0% in 1986 to 7.1% in 1987. Of the 1,597 low-birthweight babies, 838 or 52% were preterm babies born before 37 weeks of gestation. Of all 1987 resident live births of known gestation, 10.2% were preterm babies. Of the births with known birthweight, 11.3% of black babies and 7.0% of white babies were of low birthweight, of which 7.3% and 3.6%, respectively, were also preterm deliveries. Of the 3,809 births to teenage mothers, of known birthweight, 9.2% were low-birthweight infants, up from 8.9% in 1986. Fifteen percent of the babies born to black teenage mothers weighed less than 2,500 grams, up from 12% in 1986. Nationally, 6.8% of infants weighed less than 2,500 grams at birth in 1985. In that year, 5.6% of white infants and 12.4% of black infants were of low birthweight.

Seventy-one percent of mothers who received prenatal care began their care during the first trimester of pregnancy. Among those receiving prenatal care, 71% of the mothers of white babies began care during the first trimester; 53% of the mothers of black babies did so. No prenatal care was received by 1.3% of the mothers of white babies and by 2.8% of the mothers of black babies. Four percent of unmarried mothers had no prenatal care, another 13% did not begin prenatal care until the third trimester, and only 47% began their care during the first trimester, compared to 76% for married mothers.

Deaths

The number of West Virginia resident deaths decreased 0.5%, from 19,859 in 1986 to 19,763 in 1987. The state's crude death rate remained unchanged at 10.3%. The national 1987 provisional death rate was 8.7 deaths per 1,000 population, unchanged from 1984 through 1987. The average age at death was 67.3 for men and 74.1 for women. Eighty-five West Virginia residents who died in 1987 were age 100 or older; the oldest was a 112-year-old.

The relative ranking of the ten leading causes of death remained unchanged from 1986. Heart diseases, cancer, and stroke, the three leading causes, accounted for 67% of West Virginia resident deaths and 65% of United States deaths in 1987. Deaths due to heart diseases decreased 0.5%. Deaths due to cancer and stroke decreased 0.6% and 2.3%, respectively. Deaths due to chronic obstructive pulmonary disease (COPD) increased 2.7%, and there were 19 fewer deaths due to pneumonia and influenza in 1987 than in 1986, a decrease of nearly 3%.

Unintentional injuries, or accidents of all forms, the fourth leading cause of death, increased by 51 or 5.4%, from 893 in 1986 to 944 in 1987. Unintentional injuries remained the leading cause of death for ages 1 through 34 years. The leading single cause of death for young adults aged 15 through 34 was motor vehicle fatalities, which accounted for 39% of all deaths for this age

group in 1987, compared with 34% in 1986. West Virginia's 1987 motor vehicle fatalities included 6 children under 5 years of age, compared to 7 such deaths in 1986.

Suicides decreased by 25 or 9%, from 270 in 1986 to 245 in 1987. Male suicides decreased 8%, from 219 in 1986 to 201 in 1987; female suicides decreased 14%, from 51 in 1986 to 44 in 1987. While suicide is the eighth leading cause of death overall, it is the second leading cause of death for ages 15-34. Teen suicides decreased from 20 in 1986 to 12 in 1987.

Years of Potential Life Lost (YPLL)

YPLL is a measure of premature or preventable mortality occurring before the age of 65, calculated as the difference between age 65 and the age at death. The sum of YPLL over all deaths is the total YPLL from all persons dying before the age of 65. For example, a person dying at the age of 45 contributes 20 years to the total YPLL (65-45=20 YPLL). YPLL is an important tool for emphasizing and evaluating those leading causes of death among persons under 65 years of age.

The YPLL from all causes decreased 4.2%, from 93,845 YPLL in 1986 to 89,907 in 1987. The number of actual deaths used to calculate YPLL decreased 2.6%. The three leading causes of YPLL in 1987 were motor vehicle accidents (15,101 YPLL), diseases of

the heart (15,027 YPLL), and malignant neoplasms (14,272 YPLL). Combined, these three causes accounted for almost half of all years of potential life lost in 1987. In comparison to 1986, YPLL attributable to motor vehicle accidents increased from 14.8% to 16.8% of the total. YPLL due to diseases of the heart and malignant neoplasms remained relatively unchanged from 1986 to 1987.

Fetal Deaths

The 172 resident fetal deaths of 20 or more weeks gestation reported in 1987 were the lowest number ever reported in the state. However, the fetal death rate increased from 7.5 fetal deaths per 1,000 live births in 1986 to 7.7 in 1987 because the number of live births decreased disproportionately. The vast majority (94%) of fetal deaths were due to conditions originating in the perinatal period, including complications of placenta, cord and membrane (44%), maternal conditions (3%), maternal complications (8%), short gestation and low birthweight (3%), and other and ill-defined perinatal conditions (29%). Congenital anomalies accounted for 6% of all fetal deaths.

Sixty percent of women whose pregnancy resulted in a fetal death in 1987 began prenatal care during the first trimester, compared to 70% of women having live births. Of the women with known prenatal care, 12% had care that was inadequate, i.e., care begun in the third trimester or no prenatal care.

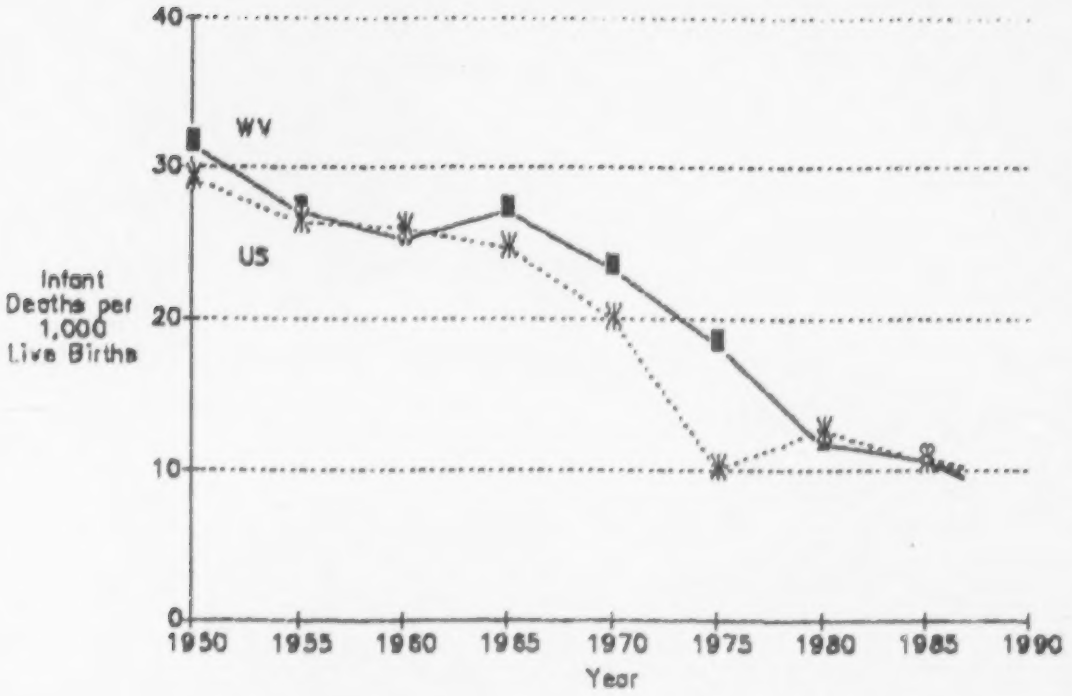
Prematurity is the greatest risk factor associated with fetal deaths. Of the 142 fetal deaths in 1987 with known birthweight and gestational age, 98 or 69% weighed less than 2,500 grams; 91 or 64% were preterm deliveries before 37 weeks of gestation.

Infant Deaths

Continuing a twenty-year trend, deaths of infants under one year of age fell from 237 in 1986 to 219 in 1987. West Virginia's infant mortality declined 4% from 10.2 per 1,000 live births in 1986 to 9.8 in 1987, the lowest rate ever recorded for the state. The U.S. provisional infant mortality rate was 10.0, a 4% decrease from the 1986 rate of 10.4. If the rate of decline continues, West Virginia's infant mortality rate should meet the 1990 objective of 9.0 infant deaths per 1,000 live births.

West Virginia's infant mortality rate has been decreasing steadily over the past ten years. Since 1975, the number of resident infant deaths has decreased 57%, with a corresponding 46% drop in the infant mortality rate. The following graph shows the decline in the national and state infant mortality rates from 1950 through 1987.

WEST VIRGINIA AND UNITED STATES INFANT DEATH RATES
1950–1987



Although the state's 1987 provisional black infant mortality rate declined 33%, from 26.2 in 1986 to 17.4 in 1987, it was nearly twice the rate for white infants (17.4 vs. 9.5). West Virginia's 1987 provisional race-specific infant mortality rates and the U.S. rates for 1985 (the latest year for which national figures are available) are shown on the following page.

1987 WEST VIRGINIA AND 1985 UNITED STATES
INFANT MORTALITY BY RACE
(Number and Rate per 1,000 Live Births)

	WEST VIRGINIA 1987		UNITED STATES 1985	
	Number	Rate	Number	Rate
All Races	219	9.8	40,030	10.6
White	203	9.5	27,864	9.3
Black	16	17.4	11,063	18.2

Over half (56%) of all 1987 infant deaths were attributed to the broad category referred to as "certain conditions originating in the perinatal period." This cause-of-death grouping includes disorders relating to short gestation and unspecified low birthweight (10%), respiratory distress syndrome (11%), other respiratory conditions of newborns (10%), and all other and ill-defined conditions originating in the perinatal period (9%), as well as maternal complications, hypoxia and asphyxia, etc. The second leading cause was congenital anomalies, listed as the cause of death for 18% of all 1987 infant deaths, with anomalies of the heart (5%) and the circulatory system (3%) leading the category. Sudden infant death syndrome (SIDS) accounted for 9% of all infant deaths.

As the following table shows, generally recognized risk factors were associated with a disproportionate percentage of the state's infant deaths in 1987.

RISK FACTOR	PERCENT TOTAL BIRTHS	PERCENT INFANT DEATHS	PERCENT FETAL DEATHS
Low birthweight (<2500 gms.)	7.1%	62.7%	72.2%
Multiple births	2.1%	11.4%	5.6%
Preterm delivery (<37 wks. gest.)	10.2%	58.5%	63.4%
Black race	4.1%	7.3%	7.6%
Mother's education less than 12 years	26.5%	31.5%	35.9%
Unmarried mother	20.8%	35.8%	32.0%
Teenage mother	17.0%	24.7%	21.1%

Neonatal Deaths

The number of neonatal deaths decreased by 2, from 153 in 1986 to 151 in 1987; the neonatal death rate, however, increased from 6.6 deaths to infants under 28 days per 1,000 live births to 6.7 because the number of births decreased. The United States provisional 1987 rate decreased from 6.7 to 6.4. Neonatal deaths comprised 69% of all West Virginia resident infant deaths in 1987, compared to 65% in 1986. In 1986 the decrease in neonatal deaths alone accounted for the overall drop in infant deaths since the number of postneonatal deaths was relatively unchanged from 1985 to 1986. However, the decline in infant mortality in 1987 was due almost entirely to a decrease in the number of postneonatal deaths, from 84 in 1986 to 68 in 1987. The postneonatal mortality rate declined 14%, from 3.5 postneonatal deaths per 1,000 live births to 3.0 in 1987.

Maternal Deaths

One maternal death was reported in 1987, giving a rate of 4.5 deaths per 100,000 live births, compared with the U.S. provisional 1987 rate of 0.1. During the past decade, the number of maternal deaths reported in the state has fluctuated from 7 in 1979 to 1 each in 1976, 1985, 1986, and 1987.

Marriages

Marriages declined from 14,033 in 1986 to 13,455 in 1987, a decrease of 4%. The marriage rate in 1987 was 7.0 per 1,000 population, compared to 7.3 per 1,000 population in 1986. The U.S. marriage rate dropped 1%, from 10.0 per 1,000 population in 1986 to 9.9 in 1987. The 1987 U.S. rate is the lowest marriage rate since 1977. The number of marriages has declined steadily in West Virginia over the past eight years, from 17,391 in 1980 to 13,455 in 1987, with the marriage rate decreasing 21%, from 8.9 in 1980 to 7.0 in 1987.

The median age was 23 for brides and 25 for grooms for all marriages unchanged from 1986. For first marriages, the median age remained at 20 for brides but increased from 22 to 23 for grooms. The mode, or most frequently reported age, for all marriages and also for first-time marriages was 18 for brides; the most frequently reported age for grooms was 23 for all marriages and 22 for first-time marriages.

Divorces and Annulments

Divorces and annulments continued the decline started in 1982. The number of divorces decreased nearly 7%, from 9,804 in 1986 to 9,141 in 1987; the rate declined from 5.1 per 1,000 population in 1986 to 4.8 in 1987. Divorces increased 1% per year from 4,382 in 1968 to a peak of 10,748 in 1981, and have fallen at a rate of 2.5% per year since 1981. The U.S. rate for 1987, 4.8 per 1,000 population, was the same as the rate for 1986, which was the lowest U.S. rate since 1975.

Of the 9,141 divorces in West Virginia last year, the median duration of marriage was 6.4 years; the most frequently reported time from date of marriage to date of decree was 2.9 years.

Almost half (46%) of the 1987 divorces involved no children under 18 years of age in the family, while one child was involved in 27% of all divorces and two children were involved in 20%. Three divorces involved six children and another three involved seven children, the highest number of children reported.

Summary

In 1987, West Virginians experienced decreases in the number and rate of births, marriages, and divorces. The number of all deaths decreased slightly, but the rate was unchanged. The number of fetal deaths, neonatal deaths, and infant deaths declined to an all-time low for the state.

METHODOLOGY

Place of Residence vs. Place of Occurrence

Data on vital events can be reported in two ways, by county of residence or by county of occurrence. For example, Lincoln County reported 65 deaths as occurring within the confines of the county. However, resident deaths for 1987 totaled 231. With the exceptions of Tables 17 and 30, the mortality data presented in this report are based on county of residence, as county resident populations are used to calculate rates.

With the exception of Table 6, birth data are similarly reported by county of residence.

Geographic Classification

The county has been used as the basic unit of tabulation throughout this report. Data have also been supplied for health planning regions and for the total state. In some instances data have been supplied for individual cities.

Cause of Death Classification

The cause of death is coded from information contained in the medical certification section of the death certificate. This portion of the certificate is completed by the attending physician. In the case of an unattended death, the medical examiner is responsible for investigation and certification. As a general rule, data preceding 1949 cannot be accurately compared with those of later years due to the extensive revision of the coding rules made at that time. It was felt, however, that large causal categories could be compared. See Appendix B, "Grouping of ICDA Codes," for a listing of these selected causes.

International Classification of Diseases (ICDA)

The primary cause of death was coded in accordance with the Ninth Revision of the International Classification of Diseases Adapted for Use in the United States, 1975 (ICDA). The deaths with codes 000 through 799 were coded using the "nature of injury" causes, while those with codes 800 through 999 were coded using the E or "external cause" of death. The E codes are used to indicate a death due to an external rather than an internal cause. Thus a death from a gunshot wound would be coded using an E code; a death due to cancer would not.

In several tables individual causes of death have been grouped into important selected causes of death. The ICDA codes for the different groupings can be found in Appendix B.

Population

The rates given in this publication were calculated using the 1986 provisional population estimates provided by the U.S. Department of Commerce, Bureau of the Census, in Current Population Reports, Series P-26, 86-A, August 1987. These estimates were rounded to the nearest thousand, however, in all tables and figures published in this report in order to be consistent with the estimates provided for other noncensus years. The 1987 population estimates shown in Tables 2 and 4 and Exhibit 1 were obtained from unpublished data provided by the Bureau of the Census and were not available at the time of rate calculations.

Forms

The following is a list of the certificates and forms used in obtaining the data used in this publication. A sample copy of each can be found in Appendix A.

Certificate of Live Birth
Physician's Certificate of Death
Medical Examiner's Certificate of Death
Certificate of Fetal Death
Application for Marriage License
Monthly Report of Divorces and Annulments of Marriage Granted

RATES AND RATIOS

The impact of chance variation must be considered in evaluating categories with small frequencies. For example, a small change in the number of infant deaths in a county can disproportionately affect the infant mortality rate for that county. Rates for cities and counties therefore require special consideration. Regional and state rates, with larger frequencies, provide more realistic data.

Rates used in this report are calculated with 1986 provisional population figures reported in Current Population Reports, Series P-26, 86-A, August 1987, published by the U.S. Bureau of the Census.

Birth Rate (Crude)

$$= \frac{\text{Number of live births}}{\text{Population}} \times 1{,}000$$

Death Rate (Crude)

$$= \frac{\text{Number of deaths}}{\text{Population}} \times 1{,}000$$

Cause of Death Rate

$$= \frac{\text{Number of deaths from a stated cause}}{\text{Population}} \times 100{,}000$$

Infant Death Rate

$$= \frac{\text{Number of infant deaths}}{\text{Number of live births}} \times 1{,}000$$

Neonatal Death Rate

$$= \frac{\text{Number of neonatal deaths}}{\text{Number of live births}} \times 1{,}000$$

Fetal Death Ratio

$$= \frac{\text{Number of fetal deaths}}{\text{Number of live births}} \times 1{,}000$$

Maternal Death Rate

$$= \frac{\text{Number of maternal deaths}}{\text{Number of live births}} \times 100{,}000$$

DEFINITIONS

LIVE BIRTH - A live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

BIRTH WEIGHT - The weight of the fetus or infant at the time of delivery.

CAUSE OF DEATH - The underlying cause of death, or that condition giving rise to the chain of events leading to death.

FETAL DEATH (STILLBIRTH) - Death prior to the complete expulsion or extraction from its mother of a product of conception, having passed through at least the twentieth week of gestation; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

INFANT DEATH - Death occurring to an individual of less than one year of age.

NEONATAL DEATH - The death of a live-born infant that occurs within the first twenty-seven days of life.

MATERNAL DEATH - Death attributable to delivery or a complication of pregnancy, childbirth, or the puerperium as defined by the International Classification of Diseases.

OCCURRENCE DATA - Vital statistics compiled on the basis of where the vital event actually occurred.

RESIDENCE DATA - Vital statistics compiled on the basis of the usual place of residence of the person(s) to whom the vital event occurred. For births and fetal deaths, residence is defined as the mother's usual place of residence.

1987 WEST VIRGINIA AND UNITED STATES VITAL STATISTICS REVIEW

	WEST VIRGINIA		UNITED STATES***	
	Number	Rate*	Number	Rate
Live Births	22,424	11.7	3,829,000	15.7
Deaths	19,763	10.3	2,125,080	8.7
Fetal Deaths	172	7.7	N/A	N/A
Neonatal Deaths	151	6.7	24,940	6.5
Infant Deaths	219	9.8	38,380	10.0
Maternal Deaths	1	4.5	24	0.1
Marriages	13,455	7.0	2,421,000	9.9
Divorces & Annulments	9,141	4.8	1,157,000	4.8
Population	1,898,000**		237,100,000	

*All 1987 rates based upon July 1, 1986, midyear population estimates, the latest available at time of analysis.

**U.S. Department of Commerce, Bureau of the Census. Unpublished data.

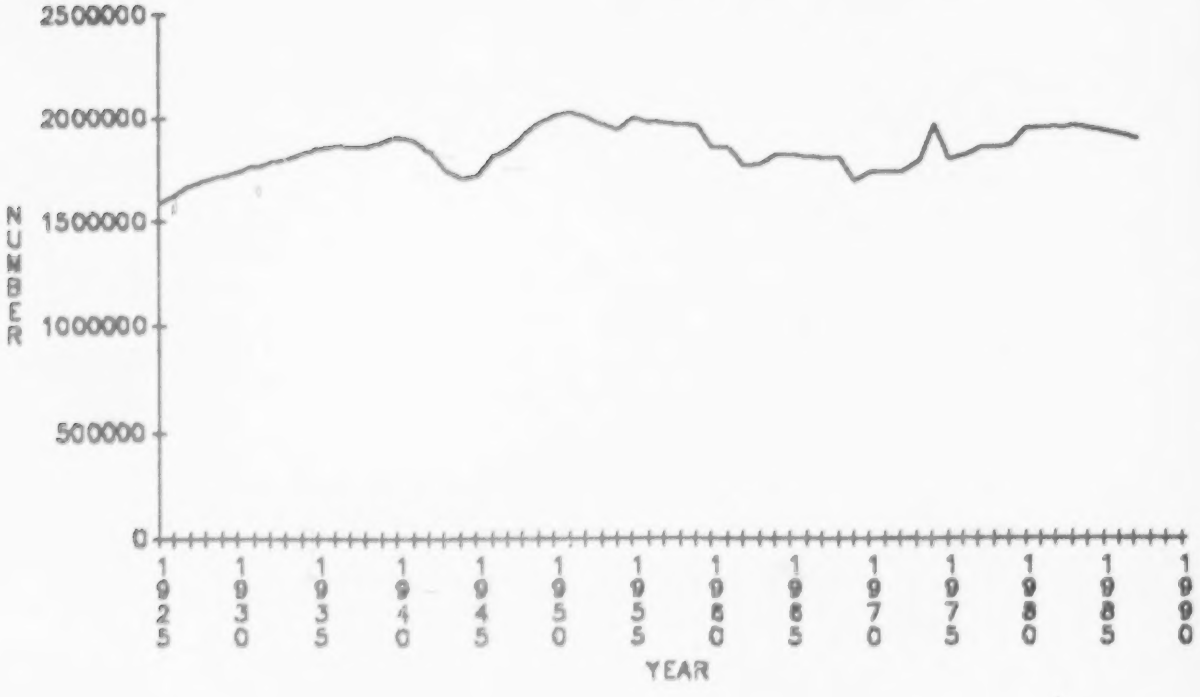
***National Center for Health Statistics. Monthly Vital Statistics Report, Vol. 39, No. 13, DHHS Pub. No. (PHS) 88-1120, July 29, 1988.

AVERAGE DAY STATISTICS
WEST VIRGINIA, 1987

Live Births	61.4
Deaths	54.1
Fetal Deaths	0.5
Infant Deaths	0.6
Heart Disease Deaths	21.0
Cancer Deaths	11.7
Cerebrovascular Deaths	3.6
Pneumonia/Influenza Deaths	1.7
Accidental Deaths	2.6
Motor Vehicle Deaths	1.4
Marriages	36.9
Divorces and Annulments	25.0

POPULATION

WEST VIRGINIA POPULATION 1925-1987
Exhibit 1



YEAR	POPULATION	CHANGE IN POPULATION	
		Years	Percentage Change
1925	1,593,005		
1930	1,729,205	1925 to 1930	8.5
1935	1,856,354	1930 to 1935	7.4
1940	1,901,974	1935 to 1940	2.5
1945	1,708,000	1940 to 1945	-10.2
1950	2,005,552	1945 to 1950	17.4
1955	1,880,000	1950 to 1955	-6.3
1960	1,860,421	1955 to 1960	-1.0
1965	1,786,000	1960 to 1965	-4.0
1970	1,744,237	1965 to 1970	-2.3
1975	1,803,000	1970 to 1975	3.4
1980	1,949,644	1975 to 1980	8.1
1981	1,954,000	1980 to 1981	0.2
1982	1,957,000	1981 to 1982	0.2
1983	1,965,000	1982 to 1983	0.4
1984	1,952,000	1983 to 1984	-0.7
1985	1,936,000	1984 to 1985	-0.8
1986	1,919,000	1985 to 1986	-0.9
1987	1,898,000*	1986 to 1987	-1.1

*1987 population estimates were not available when the rates given elsewhere in this publication were calculated.

WEST VIRGINIA POPULATION 1970 AND 1980
Table 1

COUNTY	1970*	1980**	COUNTY	1970*	1980**
Barbour	14,030	16,639	Monongalia	63,714	75,024
Berkeley	36,356	46,775	Monroe	11,272	12,873
Boone	25,118	30,447	Morgan	8,547	10,711
Braxton	12,666	13,894	Nicholas	22,552	28,126
Brooke	30,443	31,117	Ohio	63,439	61,389
Cabell	106,918	106,835	Pendleton	7,031	7,910
Calhoun	7,046	8,250	Pleasants	7,274	8,236
Clay	9,330	11,265	Pocahontas	8,870	9,919
Doddridge	6,389	7,433	Preston	25,455	30,460
Fayette	49,332	57,863	Putnam	27,625	38,181
Gilmer	7,782	8,334	Raleigh	70,080	86,821
Grant	8,607	10,210	Randolph	24,596	28,734
Greenbrier	32,090	37,665	Ritchie	10,145	11,442
Hampshire	11,710	14,867	Roane	14,111	15,952
Hancock	39,749	40,418	Summers	13,213	15,875
Hardy	8,855	10,030	Taylor	13,878	16,584
Harrison	73,028	77,710	Tucker	7,447	8,675
Jackson	20,903	25,794	Tyler	9,929	11,320
Jefferson	21,280	30,302	Upshur	19,092	23,427
Kanawha	229,515	231,414	Wayne	37,581	46,021
Lewis	17,847	18,813	Webster	9,809	12,245
Lincoln	18,912	23,675	Wetzel	20,314	21,874
Logan	46,269	50,679	Wirt	4,154	4,922
McDowell	50,666	49,899	Wood	86,818	93,648
Marion	61,356	65,789	Wyoming	30,095	35,993
Marshall	37,598	41,608			
Mason	24,306	27,045			
Mercer	63,206	73,942	TOTAL	1,744,237	1,949,644
Mineral	23,109	27,234			
Mingo	32,780	37,336			

*Population April 1, 1970, census as prepared by the U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-26, No. 77-48.

**U.S. Department of Commerce, Bureau of the Census, "West Virginia Final Population and Housing Unit Counts," PHC80-V-50, March 1981.

WEST VIRGINIA POPULATION 1986 AND 1987
Table 2

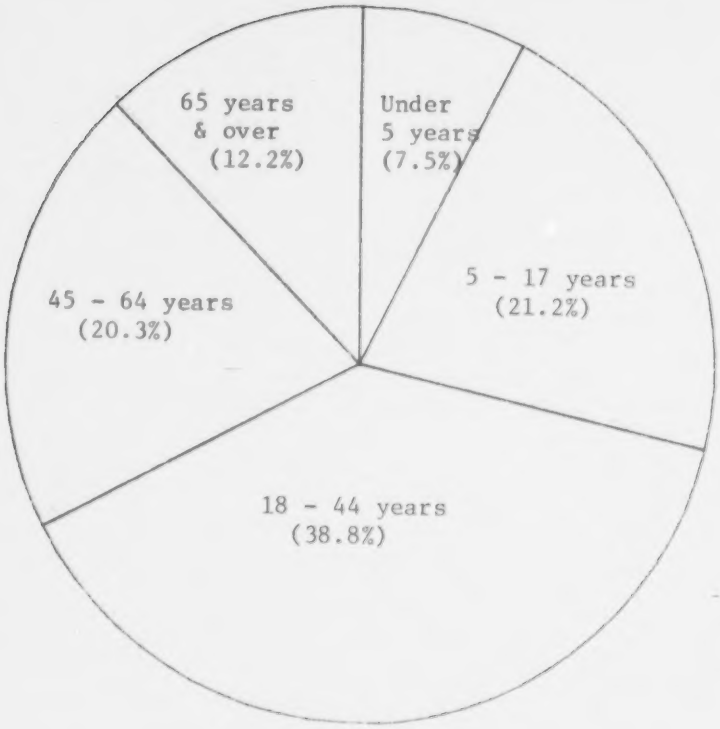
COUNTY	1986*	1987**	COUNTY	1986*	1987**
Barbour	16,500	15,800	Monongalia	77,700	76,300
Berkeley	51,500	53,700	Monroe	12,200	12,700
Boone	29,900	29,400	Morgan	10,100	11,600
Braxton	14,600	14,600	Nicholas	28,400	27,900
Brooke	29,500	28,700	Ohio	58,000	57,100
Cabell	104,700	101,800	Pendleton	7,900	7,900
Calhoun	8,200	8,500	Pleasants	8,100	7,700
Clay	11,400	11,300	Pocahontas	9,500	9,200
Doddridge	7,700	7,300	Preston	30,400	30,500
Fayette	55,500	53,400	Putnam	42,300	41,300
Gilmer	8,500	7,800	Raleigh	84,200	83,200
Grant	9,700	10,900	Randolph	28,300	28,400
Greenbrier	38,400	35,700	Ritchie	11,200	11,200
Hampshire	16,200	15,900	Roane	15,500	15,400
Hancock	39,600	37,600	Summers	14,400	15,600
Hardy	10,000	10,500	Taylor	16,300	15,900
Harrison	75,200	74,800	Tucker	8,600	8,200
Jackson	26,300	25,700	Tyler	11,000	10,800
Jefferson	33,800	34,400	Upshur	24,700	23,700
Kanawha	224,100	219,900	Wayne	44,600	44,400
Lewis	18,700	18,200	Webster	11,900	11,500
Lincoln	21,100	23,700	Wetzel	21,700	21,000
Logan	49,500	49,100	Wirt	4,600	5,200
Marion	64,100	63,300	Wood	92,000	91,900
Marshall	39,200	39,100	Wyoming	34,700	33,600
Mason	25,900	26,100			
McDowell	45,300	43,300			
Mercer	70,900	71,700			
Mineral	27,700	27,200			
Mingo	36,800	36,300	TOTAL	1,919,000***	1,898,000***

*U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-26, 86-A, August 1987.

**U.S. Department of Commerce, Bureau of the Census. Unpublished data. 1987 county population estimates were not available when the rates given elsewhere in this publication were calculated.

***Due to rounding techniques, county populations do not add to total.

WEST VIRGINIA POPULATION CHARACTERISTICS
United States Census, 1980
Age Group Distribution
Exhibit 2

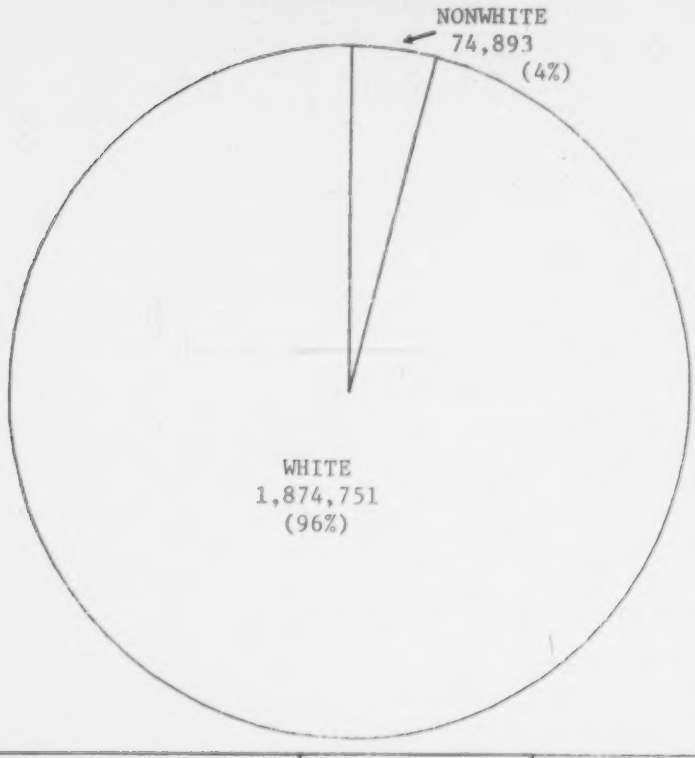


AGE	NUMBER	PERCENT
Under 5 Years	145,583	7.5
5-17 Years	414,053	21.2
18-44 Years	756,152	38.8
45-64 Years	395,988	20.3
65 Years and Over	237,868	12.2
TOTAL	1,949,644	100.0

WEST VIRGINIA POPULATION CHARACTERISTICS
United States Census, 1980
Sex Distribution
Exhibit 3

SEX	1970 CENSUS		1980 CENSUS	
	Number	Percent	Number	Percent
Female	899,568	51.6%	1,004,236	51.5%
Male	844,669	48.4%	945,408	48.5%
TOTAL	1,744,237	100%	1,949,644	100%

WEST VIRGINIA POPULATION CHARACTERISTICS
United States Census, 1980
Race Distribution
Exhibit 4

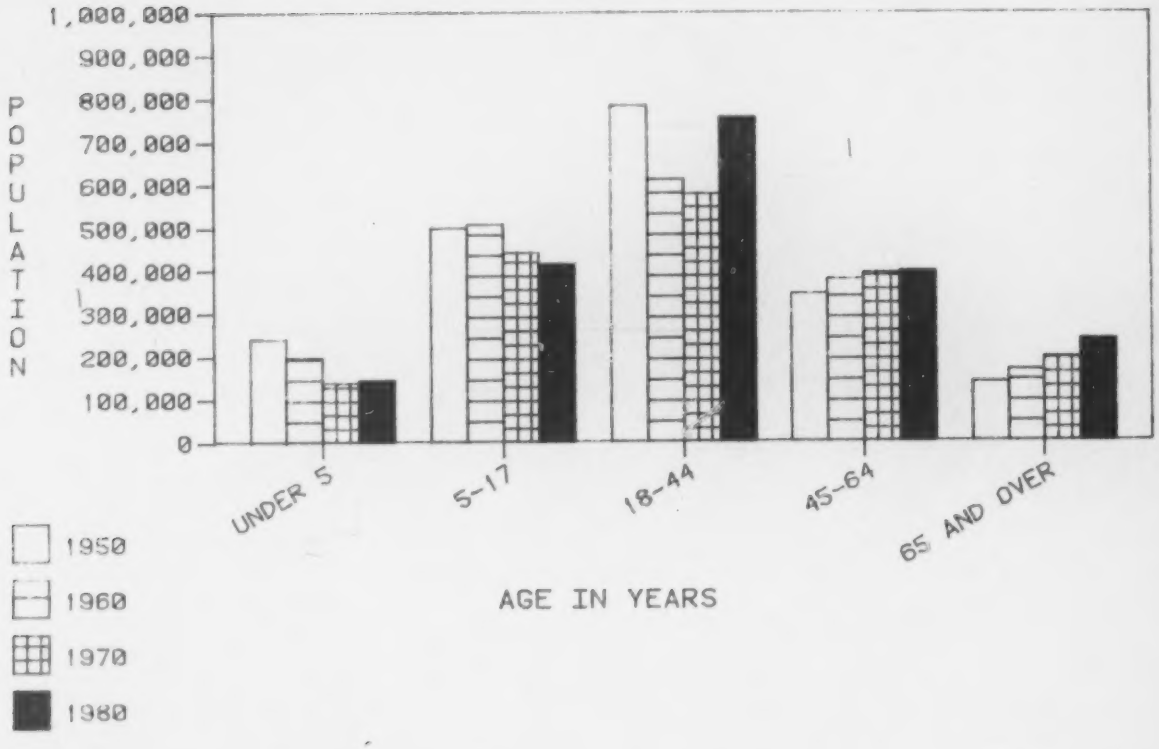


RACE	NUMBER	PERCENT
American Indian, Eskimo and Aleut	1,610	.08%
Asian and Pacific Islander[1]	5,194	.26%
Black	65,051	3.33%
Other	3,038	.15%
White	1,874,751	96.15%
TOTAL	1,949,644	100%
Spanish Origin[2]	12,707	.65%

[1]Some Asian and Pacific Islander groups such as Cambodian, Laotian, and Thai are included in the "Other" category. In sample tabulations, these groups will be included in the Asian and Pacific Islander category.

[2]Persons of Spanish origin may be of any race.

WEST VIRGINIA POPULATION 1950-80
Age Group Distribution
Exhibit 5



AGE IN YEARS	1950*	1960*	1970*	1980*
Under 5 Years	240,107	196,291	138,249	145,583
5-17 Years	499,748	507,531	441,988	414,053
18-44 Years	783,444	612,461	577,787	756,152
45-64 Years	343,727	377,888	391,739	395,988
65 Years and Over	138,526	166,250	194,474	237,868
TOTAL	2,005,552	1,860,421	1,744,237	1,949,644

*Enumerated as of April 1 of the specified year. (U.S. Department of Commerce, Bureau of the Census)

WEST VIRGINIA POPULATION 1980
Age Group Distribution by County
Table 3

County of Residence	Under 5 Years	5-9 Years	10-19 Years	20-44 Years	45-64 Years	65 & Over	TOTAL
Barbour	1,190	1,335	3,005	5,613	3,144	2,352	16,639
Berkeley	3,532	3,682	7,993	16,572	9,671	5,325	46,775
Boone	2,766	2,892	5,207	10,998	5,665	2,919	30,447
Braxton	955	1,072	2,398	4,482	2,803	2,184	13,894
Brooke	2,160	2,334	5,356	10,886	6,871	3,510	31,117
Cabell	7,109	7,366	17,046	38,066	22,647	14,601	106,835
Calhoun	649	636	1,395	2,728	1,586	1,256	8,250
Clay	972	1,060	2,222	3,682	2,000	1,329	11,265
Doddridge	550	614	1,377	2,331	1,415	1,146	7,433
Fayette	4,550	4,747	10,106	18,823	11,767	7,870	57,863
Gilmer	621	553	1,654	2,847	1,436	1,223	8,334
Grant	766	842	1,806	3,545	2,025	1,226	10,210
Greenbrier	2,688	2,781	6,383	12,725	7,613	5,475	37,665
Hampshire	1,079	1,207	2,809	4,857	3,074	1,841	14,867
Hancock	2,766	3,162	6,697	13,979	9,290	4,524	40,418
Hardy	664	719	1,737	3,366	2,157	1,387	10,030
Harrison	5,368	5,887	12,536	25,607	17,006	11,306	77,710
Jackson	1,920	2,011	4,809	9,158	5,243	2,653	25,794
Jefferson	2,255	2,477	5,566	11,203	5,731	3,070	30,302
Kanawha	16,467	16,150	35,490	83,710	52,004	27,593	231,414
Lewis	1,349	1,378	3,020	6,108	3,898	3,060	18,813
Lincoln	1,982	2,183	4,601	8,037	4,337	2,535	23,675
Logan	4,681	4,865	8,818	17,655	9,891	4,769	50,679
McDowell	4,514	4,831	9,587	16,263	9,553	5,151	49,899
Marion	4,404	4,818	10,624	22,291	14,246	9,406	65,789
Marshall	2,949	3,411	6,894	14,818	8,656	4,880	41,608
Mason	2,175	2,102	4,655	9,504	5,459	3,150	27,045
Mercer	5,406	5,861	12,307	25,517	15,295	9,556	73,942
Mineral	1,991	2,201	5,013	9,322	5,483	3,224	27,234
Mingo	3,582	3,669	7,170	13,001	6,743	3,171	37,336

WEST VIRGINIA POPULATION 1980
Age Group Distribution by County
Table 3 (cont'd)

County of Residence	Under 5 Years	5-9 Years	10-19 Years	20-44 Years	45-64 Years	65 & Over	TOTAL
Monongalia	4,699	4,551	12,990	33,805	12,054	6,925	75,024
Monroe	931	1,004	2,248	4,113	2,704	1,873	12,873
Morgan	722	830	1,810	3,545	2,373	1,431	10,711
Nicholas	2,368	2,471	5,111	9,780	5,430	2,966	28,126
Ohio	3,719	3,889	9,707	20,813	13,841	9,420	61,389
Pendleton	592	542	1,241	2,714	1,607	1,214	7,910
Pleasants	589	675	1,557	2,920	1,579	916	8,236
Pocahontas	693	676	1,671	3,216	2,041	1,622	9,919
Preston	2,515	2,502	5,343	10,459	5,784	3,857	30,460
Putnam	3,053	3,189	6,610	14,651	7,276	3,402	38,181
Raleigh	7,193	7,468	14,091	30,266	17,414	10,389	86,821
Randolph	2,020	2,158	5,081	10,252	5,349	3,874	28,734
Ritchie	889	882	1,838	3,717	2,199	1,917	11,442
Roane	1,265	1,198	2,568	5,394	3,260	2,267	15,952
Summers	1,208	1,117	2,446	5,629	3,313	2,162	15,875
Taylor	1,231	1,314	2,868	5,494	3,326	2,351	16,584
Tucker	593	662	1,536	2,854	1,662	1,368	8,675
Tyler	828	918	2,131	3,730	2,226	1,487	11,320
Upshur	1,735	1,856	4,308	8,596	3,999	2,933	23,427
Wayne	3,554	3,921	8,294	16,159	9,266	4,827	46,021
Webster	1,005	1,126	2,233	4,030	2,259	1,592	12,245
Wetzel	1,565	1,858	4,013	7,447	4,286	2,701	21,874
Wirt	329	395	976	1,637	928	657	4,922
Wood	6,765	7,173	16,144	33,597	18,605	11,364	93,648
Wyoming	3,458	3,581	6,597	13,198	6,498	2,661	35,993
TOTAL	145,583	152,802	331,693	685,710	395,988	237,868	1,949,644

*SOURCE: 1980 West Virginia Census Population Profile, STF1.

WEST VIRGINIA POPULATION 1940-1987
Birth and Death Rates
Table 4

YEAR	ESTIMATED MIDYEAR POPULATION	BIRTH RATE (per 1,000 Population)	DEATH RATE (per 1,000 Population)
1940	1,901,974A	22.0	9.2
1941	1,885,000	23.1	9.4
1942	1,831,000	23.8	9.3
1943	1,741,000	25.2	10.0
1944	1,706,000	24.0	9.8
1945	1,708,000	22.5	9.6
1946	1,826,000	26.4	8.8
1947	1,883,000	28.8	9.1
1948	1,899,000	27.5	9.3
1949	1,930,000	27.1	8.9
1950	2,005,552A	25.4	8.7
1951	1,984,000	25.7	8.6
1952	1,957,000	25.3	8.8
1953	1,929,000	24.2	8.6
1954	1,905,000	24.5	8.5
1955	1,880,000	23.5	8.9
1956	1,857,000	23.8	9.1
1957	1,843,000	24.1	9.7
1958	1,845,000	24.1	9.6
1959	1,855,000	22.8	9.5
1960B	1,860,421A	21.3	9.7
1961	1,828,000	21.3	9.8
1962	1,809,000	20.6	10.3
1963	1,796,000	19.8	10.8
1964	1,797,000	19.8	10.4
1965	1,786,000	17.9	10.7
1966	1,775,000	16.9	10.9
1967	1,769,000	16.6	10.9
1968	1,763,000	16.5	11.1
1969	1,748,000	16.4	11.3
1970	1,744,237A	17.3	11.4
1971	1,768,000	17.6	11.1
1972	1,795,000	16.3	11.5
1973	1,782,000	15.4	11.2
1974	1,784,000	15.5	10.9
1975	1,803,000	15.5	10.8
1976	1,833,000	15.6	10.7
1977	1,853,000	16.2	10.4
1978	1,860,000	15.6	10.4
1979	1,878,000	15.8	10.0
1980	1,949,644A	15.1	9.8
1981	1,954,000	14.2	9.7
1982	1,957,000	13.9	9.7
1983	1,965,000	13.2	9.8
1984	1,952,000	12.6	9.8
1985	1,936,000	12.5	10.0
1986	1,919,000	12.1	10.3
1987C	1,898,000	11.7D	10.3D

A Enumerated as of April 1 of the specified year. (U.S. Department of Commerce, Bureau of the Census)

B Source of data 1940 through 1960: U.S. Department of Health, Education, and Welfare, Public Health Service. Vital Statistics Rates in the United States 1940-1960.

C Source of data 1961 through 1986: U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-25 and P-26.

D All 1987 rates were calculated using 1986 midyear population estimates, the latest available at time of analysis.

BIRTHS

WEST VIRGINIA RESIDENT BIRTHS 1925-1987
Number and Rate
Exhibit 6

YEAR	NUMBER OF LIVE BIRTHS	RATE PER 1,000 POPULATION
1925	45,240	28.4
1930	41,614	24.1
1935	41,775	22.5
1940	41,900	22.0
1945	38,446	22.5
1950	50,850	25.4
1955	44,199	23.5
1960	39,696	21.3
1965	31,958	17.9
1970	30,194	17.3
1975	27,960	15.5
1980	29,438	15.1
1981	27,810	14.2
1982	27,263	13.9
1983	25,875	13.2
1984	24,551	12.6
1985	24,108	12.5
1986	23,179	12.1
1987	22,424	11.7

WEST VIRGINIA RESIDENT BIRTHS 1987
Summary Totals
Table 5

	NUMBER	PERCENTAGE OF TOTAL
TOTAL	22,424	100.0
SEX		
Male	11,502	51.3
Female	10,922	48.7
RACE		
White	21,391	95.4
Nonwhite	1,033	4.6
ATTENDANT AT BIRTH		
Physician	22,142	98.7
Certified Nurse Midwife	172	0.8
Lay Midwife	19	0.1
EMT/Paramedic	15	0.1
All Other	76	0.3
PLACE OF BIRTH		
Hospital	22,132	98.7
Freestanding Birthing Center	165	0.7
Home	100	0.4
Enroute to Hospital	19	0.1
Other	8	0.0
MOTHER'S MARITAL STATUS		
White:		
Married	17,265	77.0
Not Married	4,126	18.4
Nonwhite:		
Married	490	2.2
Not Married	543	2.4

WEST VIRGINIA RESIDENT BIRTHS 1987
Rates per Thousand Population
Region and County
Exhibit 7

REGION	1986* POPULATION	NUMBER OF LIVE BIRTHS	RATE
1	261,700	2,860	10.9
2	282,600	3,244	11.5
3	307,700	3,736	12.1
4	143,700	1,611	11.2
5	176,900	2,089	11.8
6	271,400	3,137	11.6
7	119,900	1,408	11.7
8	71,500	897	12.5
9	95,400	1,474	15.5
10	118,900	1,326	11.2
11	69,100	642	9.3
TOTAL	1,919,000**	22,424	11.7

*Latest population estimates available at time of rate calculations.

**Due to rounding techniques, regional populations do not add to total.

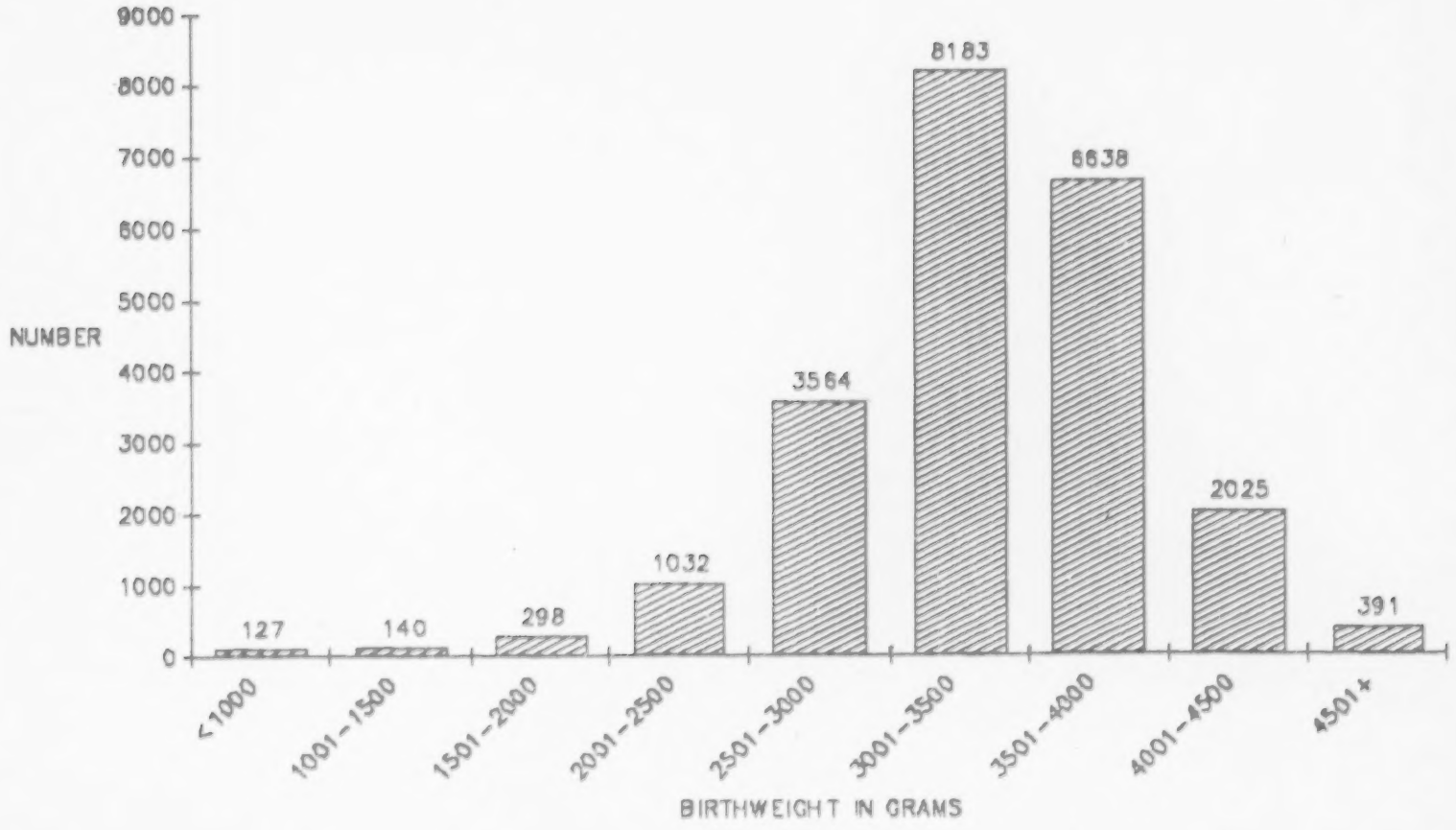
WEST VIRGINIA BIRTHS 1987
Number by County of Residence and Occurrence
Rate by County of Residence
Table 6

COUNTY	RESIDENCE		OCCURRENCE	COUNTY	RESIDENCE		OCCURRENCE
	NUMBER	RATE			NUMBER	RATE	
BARBOUR	167	10.1	145	MONONGALIA	916	11.8	1,901
BERKELEY	821	15.9	692	MONROE	156	12.8	3
BOONE	309	10.3	0	MORGAN	122	12.1	3
BRAXTON	196	13.4	3	NICHOLAS	361	12.7	388
BROOKE	268	9.1	289	OHIO	659	11.4	2,211
CABELL	1,124	10.7	2,789	PENDLETON	113	14.3	0
CALHOUN	95	11.6	81	PLEASANTS	77	9.5	0
CLAY	153	13.4	0	POCAHONTAS	117	12.3	8
DODDRIDGE	69	9.0	1	PRESTON	358	11.8	175
FAYETTE	585	10.5	31	PUTNAM	542	12.8	92
GILMER	98	11.5	3	RALEIGH	865	10.3	1,256
GRANT	120	12.4	196	RANDOLPH	376	13.3	569
GREENBRIER	394	10.3	486	RITCHIE	113	10.1	3
HAMPSHIRE	216	13.3	4	ROANE	177	11.4	191
HANCOCK	374	9.4	0	SUMMERS	143	9.9	33
HARDY	111	11.1	0	TAYLOR	186	11.4	5
HARRISON	912	12.1	993	TUCKER	74	8.6	1
JACKSON	314	11.9	131	TYLER	110	10.0	21
JEFFERSON	531	15.7	411	UPSHUR	289	11.7	263
KANAWHA	2,732	12.2	4,180	WAYNE	505	11.3	3
LEWIS	208	11.1	331	WEBSTER	154	12.9	57
LINCOLN	298	14.1	3	WETZEL	244	11.2	252
LOGAN	519	10.5	799	WIRT	66	14.3	0
MCDOWELL	575	12.7	316	WOOD	1,137	12.4	1,343
MARION	696	10.9	564	WYOMING	343	9.9	0
MARSHALL	423	10.8	139				
MASON	307	11.9	329	TOTAL	22,424	11.7	23,421
MERCER	778	11.0	1,653				
MINERAL	337	12.2	3				
MINGO	491	13.3	71				

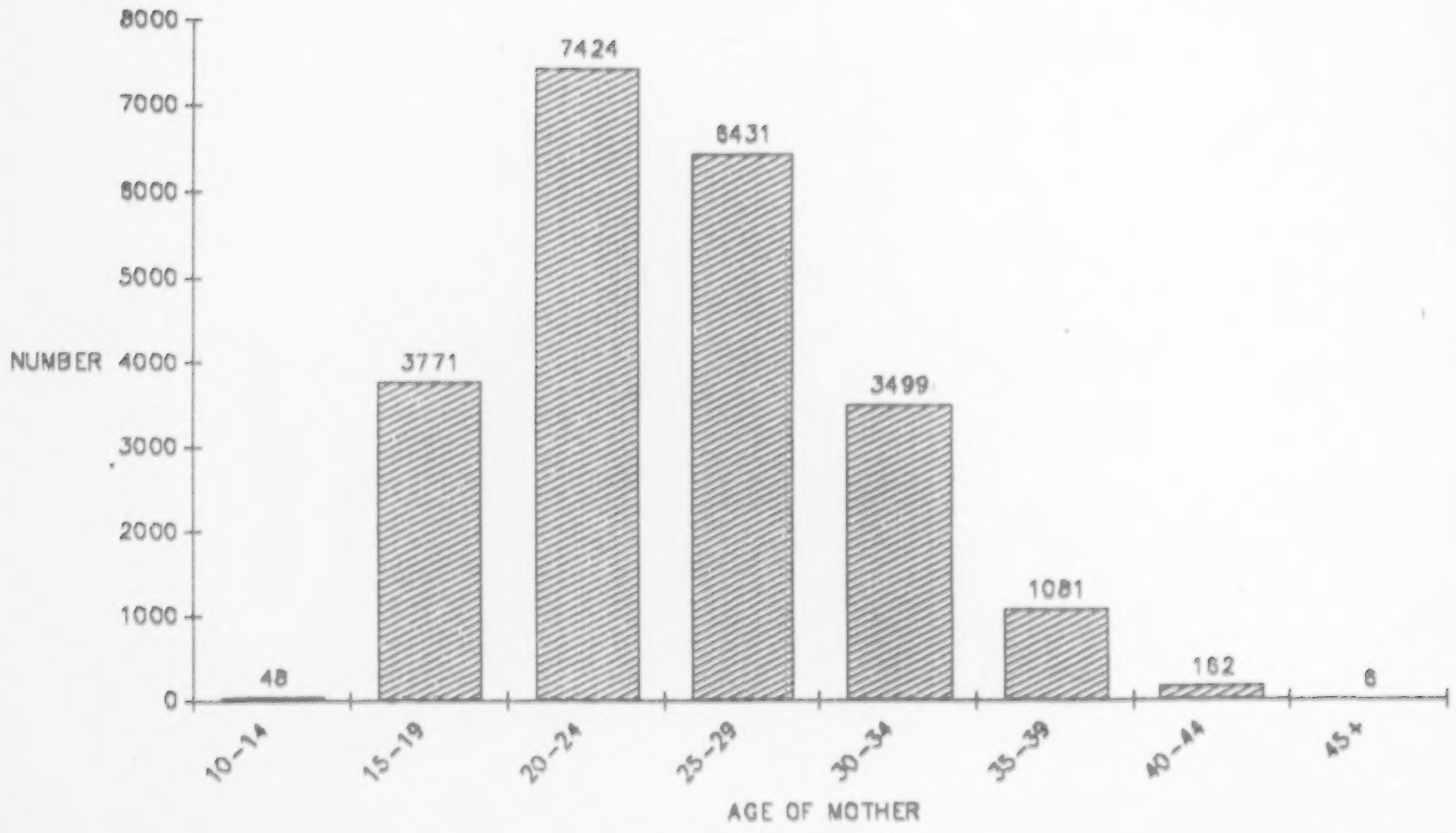
WEST VIRGINIA RESIDENT BIRTHS 1983-1987
Number by County of Residence
Table 7

COUNTY	1983	1984	1985	1986	1987	COUNTY	1983	1984	1985	1986	1987
BARBOUR	220	230	193	215	167	MONONGALIA	968	905	934	887	916
BERKELEY	693	724	759	735	821	MONROE	174	155	170	155	156
BOONE	405	382	342	375	309	MORGAN	130	115	139	111	122
BRAXTON	198	164	214	130	196	NICHOLAS	384	377	369	381	361
BROOKE	318	293	294	247	268	OHIO	667	700	694	672	659
CABELL	1,341	1,269	1,107	1,203	1,124	PENDLETON	114	113	115	109	113
CALHOUN	120	151	125	129	95	PLEASANTS	113	97	89	78	77
CLAY	185	156	174	189	153	POCAHONTAS	117	125	122	100	117
DODDRIDGE	122	98	81	75	69	PRESTON	474	464	424	392	358
FAYETTE	764	712	689	608	585	PUTNAM	519	493	584	578	542
GILMER	135	121	105	97	98	RALEIGH	1,150	988	1,063	916	865
GRANT	111	129	127	127	120	RANDOLPH	378	426	399	351	376
GREENBRIER	450	414	399	422	394	RITCHIE	146	129	141	121	113
HAMPSHIRE	214	190	204	192	216	ROANE	259	217	195	190	177
HANCOCK	429	425	418	369	374	SUMMERS	206	171	169	149	143
HARDY	120	113	127	115	111	TAYLOR	210	216	225	193	186
HARRISON	1,073	1,003	1,005	991	912	TUCKER	124	104	103	86	74
JACKSON	376	337	317	348	314	TYLER	157	152	126	147	110
JEFFERSON	427	462	485	511	531	UPSHUR	338	325	350	341	289
KANAWHA	2,964	2,779	2,801	2,721	2,732	WAYNE	608	521	525	523	505
LEWIS	245	225	241	233	208	WEBSTER	177	152	171	142	154
LINCOLN	329	342	296	291	298	WETZEL	310	291	271	299	244
LOGAN	751	631	630	576	519	WIRT	82	72	76	82	66
MCDOWELL	718	666	641	620	575	WOOD	1,260	1,163	1,145	1,131	1,137
MARION	787	798	718	650	696	WYOMING	486	461	399	380	343
MARSHALL	509	512	478	472	423						
MASON	363	360	347	284	307	TOTAL	25,875	24,551	24,108	23,179	22,424
MERCER	948	935	864	793	738						
MINERAL	343	361	356	302	357						
MINGO	666	637	573	545	491						

WEST VIRGINIA RESIDENT BIRTHS 1987
Birthweight in Grams
Exhibit 8



WEST VIRGINIA RESIDENT BIRTHS 1987
Age of Mother
Exhibit 9



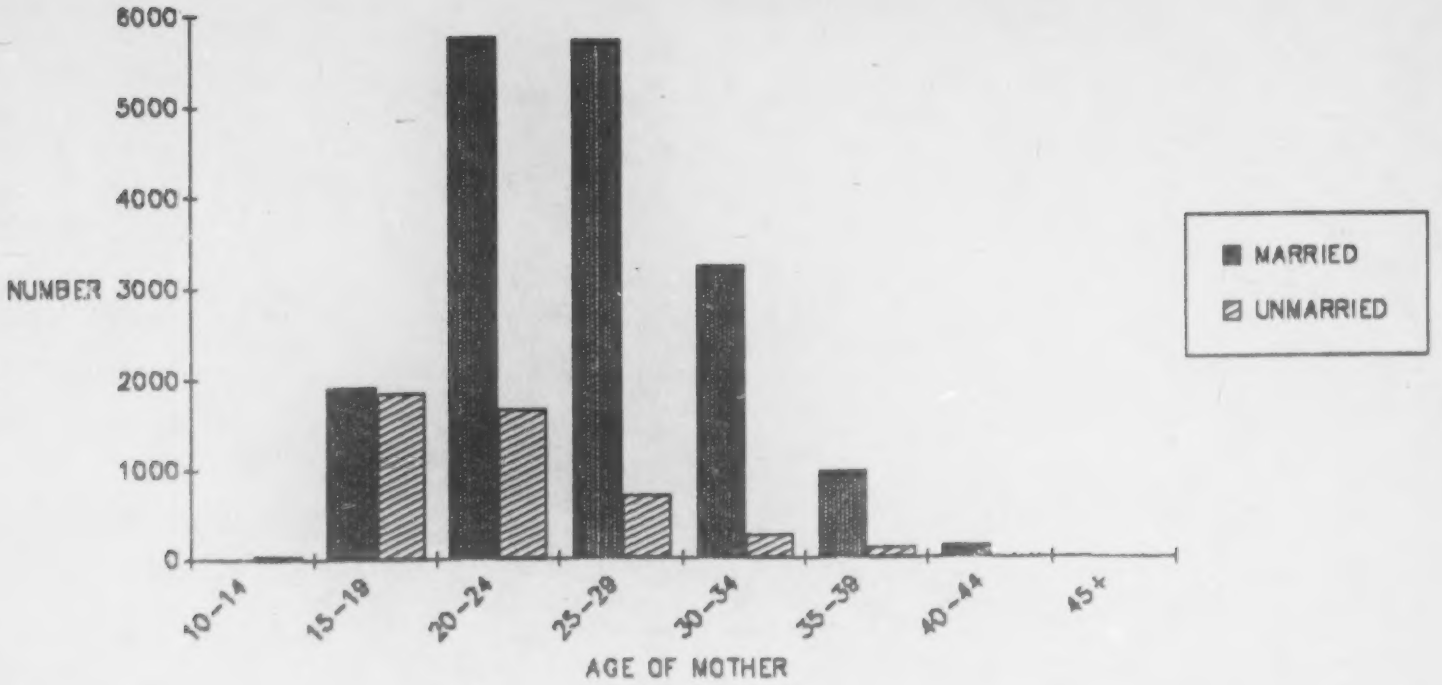
WEST VIRGINIA RESIDENT BIRTHS 1987
Birthweight by Age of Mother
Table 8

BIRTHWEIGHT	AGE OF MOTHER									
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 AND OVER	UNKNOWN	TOTAL
LESS THAN 1000 GRAMS (LESS THAN 2.205 LBS)	1	28	33	40	16	8	1	0	0	127
1,000 - 1,499 GRAMS (2.205 - 3.305 LBS.)	2	35	44	31	19	7	2	0	0	140
1,500 - 1,999 GRAMS (3.307 - 4.407 LBS.)	3	61	99	71	44	18	2	0	0	298
2,000 - 2,499 GRAMS (4.409 - 5.509 LBS.)	7	212	340	269	141	53	9	1	0	1,032
2,500 - 2,999 GRAMS (5.512 - 6.612 LBS.)	6	688	1,272	978	446	147	26	1	0	3,564
3,000 - 3,499 GRAMS (6.614 - 7.714 LBS.)	17	1,474	2,828	2,261	1,214	338	46	3	2	8,183
3,500 - 3,999 GRAMS (7.716 - 8.816 LBS.)	10	991	2,071	2,044	1,119	351	51	1	0	6,638
4,000 - 4,499 GRAMS (8.819 - 9.919 LBS.)	2	237	626	615	405	119	21	0	0	2,025
4,500 OR MORE GRAMS (9.921 OR MORE LBS.)	0	35	106	117	92	37	4	0	0	391
UNKNOWN	0	10	5	5	3	3	0	0	0	26
TOTAL	48	3,771	7,424	6,431	3,499	1,081	162	6	2	22,424

WEST VIRGINIA RESIDENT BIRTHS 1987
Age of Mother by County of Residence
Table 9

AREA	AGE OF MOTHER									
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 YEARS AND OVER	UNKNOWN	TOTAL
BARBOUR	0	35	67	39	11	11	4	0	0	167
BERKELEY	3	143	296	230	113	33	2	1	0	821
BOONE	1	71	115	76	29	13	4	0	0	309
BRAXTON	0	43	68	44	28	8	5	0	0	196
BROOKE	1	37	68	86	62	13	1	0	0	268
CABELL	3	187	358	325	169	75	15	0	0	1,124
CALHOUN	0	19	30	26	13	6	1	0	0	95
CLAY	0	34	62	39	13	4	0	1	0	153
DODDRIDGE	1	9	19	27	8	4	1	0	0	69
FAYETTE	2	101	218	161	72	30	1	0	0	585
GILMER	0	15	37	29	13	4	0	0	0	98
GRANT	1	24	45	32	12	5	1	0	0	120
GREENBRIER	3	57	104	113	88	27	2	0	0	394
HAMPSHIRE	0	30	67	65	39	9	6	0	0	216
HANCOCK	0	46	112	126	71	16	3	0	0	374
HARDY	0	13	37	34	19	8	0	0	0	111
HARRISON	0	162	287	268	149	41	5	0	0	912
JACKSON	1	38	105	104	48	16	2	0	0	314
JEFFERSON	1	84	195	138	81	28	4	0	0	531
KANAWHA	4	407	805	834	508	153	19	2	0	2,732
LEWIS	1	35	77	56	28	9	2	0	0	208
LINCOLN	0	79	119	68	24	5	3	0	0	298
LOGAN	4	116	198	123	57	17	3	1	0	519
MCDOWELL	2	169	206	119	52	24	3	0	0	575
MARION	1	111	249	189	107	34	4	0	1	696
MARSHALL	0	54	134	148	64	19	4	0	0	423
MASON	1	52	111	91	47	5	0	0	0	307
MERCER	1	159	279	201	106	30	2	0	0	778
MINERAL	0	64	108	93	52	14	6	0	0	337
MINGO	1	115	184	113	47	28	2	0	1	491
MONONGALIA	0	94	247	312	210	43	10	0	0	916
MONROE	0	25	44	51	31	5	0	0	0	156
MORGAN	1	23	51	30	12	3	1	1	0	122
NICHOLAS	0	68	128	96	48	18	3	0	0	361
OHIO	5	106	148	208	149	40	3	0	0	659
PENDLETON	0	14	48	26	21	4	0	0	0	113
PLEASANTS	0	11	25	24	11	4	2	0	0	77
POCAHONTAS	0	18	48	35	12	4	0	0	0	117
PRESTON	0	63	125	105	49	16	0	0	0	358
PUTNAM	0	63	179	189	83	26	2	0	0	542
RALEIGH	3	153	276	238	140	42	13	0	0	865
RANDOLPH	1	65	128	100	59	20	3	0	0	376
RITCHIE	0	17	35	32	21	8	0	0	0	113
ROANE	0	36	57	46	23	13	2	0	0	177
SUMMERS	1	23	44	43	25	7	0	0	0	143
TAYLOR	0	27	80	49	17	12	1	0	0	186
TUCKER	0	11	21	21	13	7	1	0	0	74
TYLER	0	13	35	36	16	9	1	0	0	110
UPSHUR	0	43	109	74	44	16	3	0	0	289
WAYNE	1	89	151	169	75	17	3	0	0	505
WEBSTER	0	37	63	26	20	7	1	0	0	154
WETZEL	1	42	91	75	30	5	0	0	0	244
WIRT	0	12	21	25	5	3	0	0	0	66
WOOD	2	146	379	341	214	49	6	0	0	1,137
WYOMING	1	63	139	83	41	14	2	0	0	343
TOTAL	48	3,771	7,424	6,431	3,499	1,081	162	6	2	22,424

WEST VIRGINIA RESIDENT BIRTHS 1987
Marital Status by Age of Mother
Exhibit 10



MARITAL STATUS	AGE OF MOTHER									
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 AND OVER	UNKNOWN	TOTAL
MARRIED:										
NUMBER	3	1,921	5,761	5,726	3,235	967	136	5	1	17,755
PERCENT	0.0	10.8	32.4	32.3	18.2	5.4	0.8	0.0	0.0	79.2
NOT MARRIED:										
NUMBER	45	1,850	1,663	705	264	114	26	1	1	4,669
PERCENT	1.0	39.6	35.6	15.1	5.7	2.4	0.6	0.0	0.0	20.8
TOTAL:										
NUMBER	48	3,771	7,424	6,431	3,499	1,081	162	6	2	22,424
PERCENT	0.2	16.8	33.1	28.7	15.6	4.8	0.7	0.0	0.0	100.0

WEST VIRGINIA RESIDENT BIRTHS 1987
Place of Delivery, Race and Sex of Child, and Marital Status of Mother
By County of Residence
Table 10

COUNTY OF RESIDENCE	PLACE OF DELIVERY		WHITE		NONWHITE		NUMBER OF BIRTHS TO UNMARRIED MOTHERS	TOTAL
	HOSPITAL	NONHOSPITAL	MALE	FEMALE	MALE	FEMALE		
BARBOUR	166	1	98	68	0	1	39	167
BERKELEY	816	5	385	386	18	32	212	821
BOONE	309	0	174	133	2	0	66	309
BRAXTON	196	0	93	103	0	0	37	196
BROOKE	268	0	139	121	4	4	46	268
CABELL	1,123	1	568	485	35	36	248	1,124
CALHOUN	93	2	43	51	0	1	28	95
CLAY	153	0	80	73	0	0	39	153
DODDRIDGE	68	1	28	41	0	0	12	69
FAYETTE	584	1	264	273	29	19	154	585
GILMER	95	3	46	52	0	0	15	98
GRANT	120	0	53	63	1	3	16	120
GREENBRIER	388	6	191	182	14	7	69	394
HAMPSHIRE	213	3	103	111	0	2	35	216
HANCOCK	374	0	191	174	3	6	74	374
HARDY	111	0	54	54	3	0	13	111
HARRISON	907	5	458	430	10	14	178	912
JACKSON	314	0	167	145	1	1	40	314
JEFFERSON	526	5	269	213	25	24	137	531
KANAWHA	2,728	4	1,243	1,252	140	97	636	2,732
LEWIS	207	1	114	94	0	0	46	208
LINCOLN	294	4	167	131	0	0	59	298
LOGAN	518	1	265	232	10	12	129	519
MCDOWELL	574	1	269	238	36	32	182	575
MARION	696	0	336	328	10	22	170	696
MARSHALL	417	6	219	199	2	3	81	423
MASON	307	0	168	136	2	1	57	307
MERCER	776	2	354	329	55	40	178	778
MINERAL	335	2	176	152	7	2	70	337
MINGO	491	0	216	264	8	3	104	491
MONONGALIA	911	5	398	459	29	30	107	916
MONROE	153	3	72	80	0	4	27	156
MORGAN	121	1	64	56	1	1	29	122
NICHOLAS	357	4	190	170	0	1	66	361
OHIO	659	0	315	301	25	18	164	659
PENDLETON	113	0	45	65	1	2	14	113
PLEASANTS	77	0	47	30	0	0	17	77
POCAHONTAS	110	7	60	49	0	0	28	117
PRESTON	355	3	195	161	0	2	65	358
PUTNAM	540	2	287	251	2	2	74	542
RALEIGH	861	4	420	357	45	43	175	865
RANDOLPH	373	3	203	171	0	2	72	376
RITCHIE	110	3	52	60	0	1	17	113
ROANE	175	2	88	88	0	1	29	177
SUMMERS	140	3	68	68	2	5	25	143
TAYLOR	185	1	100	84	0	2	36	186
TUCKER	73	1	29	45	0	0	8	74
TYLER	103	2	61	49	0	0	15	110
UPSHUR	288	1	144	145	0	0	49	289
WAYNE	502	3	250	255	0	0	85	505
WEBSTER	154	0	74	80	0	0	38	154
WETZEL	244	0	126	118	0	0	50	244
WIRT	66	0	32	34	0	0	11	66
WOOD	1,131	6	532	570	18	17	227	1,137
WYOMING	343	0	172	169	1	1	71	343
TOTAL	22,316	108	10,963	10,428	539	494	4,669	22,424

WEST VIRGINIA RESIDENT BIRTHS 1987
Trimester Prenatal Care Began
By County of Residence
Table 11

COUNTY OF RESIDENCE	FIRST TRIMESTER		SECOND TRIMESTER		THIRD TRIMESTER		NO CARE		UNKNOWN		TOTAL
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	
BARBOUR	119	71.3	43	25.7	3	1.8	2	1.2	0	0.0	167
BERKELEY	566	68.9	185	22.5	49	6.0	9	1.1	12	1.5	821
BOONE	177	57.3	92	29.8	23	7.4	3	1.0	14	4.5	309
BRAXTON	135	68.9	42	21.4	5	2.6	2	1.0	12	6.1	196
BROOKE	194	72.4	61	22.8	9	3.4	1	0.4	3	1.1	268
CABELL	785	69.8	266	23.7	61	5.4	6	0.5	6	0.5	1,124
CALHOUN	60	63.2	24	25.3	8	8.4	1	1.1	2	2.1	95
CLAY	85	55.6	46	30.1	14	9.2	1	0.7	7	4.6	153
DODDRIDGE	53	76.8	9	13.0	1	1.4	1	1.4	5	7.2	69
FAYETTE	346	59.1	172	29.4	44	7.5	4	0.7	19	3.2	585
GILMER	71	72.4	22	22.4	3	3.1	0	0.0	2	2.0	98
GRANT	95	79.2	22	18.3	1	0.8	2	1.7	0	0.0	120
GREENBRIER	286	72.6	81	20.6	13	3.3	10	2.5	4	1.0	394
HAMPSHIRE	154	71.3	41	19.0	8	3.7	7	3.2	6	2.8	216
HANCOCK	283	75.7	61	16.3	17	4.5	8	2.1	5	1.3	374
HARDY	97	87.4	11	9.9	1	0.9	1	0.9	1	0.9	111
HARRISON	723	79.3	157	17.2	22	2.4	6	0.7	4	0.4	912
JACKSON	226	72.0	63	20.1	15	4.8	2	0.6	8	2.5	314
JEFFERSON	382	71.9	98	18.5	33	6.2	13	2.4	5	0.9	531
KANAWHA	1,825	66.8	578	21.2	178	6.5	16	0.6	135	4.9	2,732
LEWIS	155	74.5	34	16.3	9	4.3	1	0.5	9	4.3	208
LINCOLN	202	67.8	75	25.2	15	5.0	0	0.0	6	2.0	298
LOGAN	194	37.4	246	47.4	50	9.6	13	2.5	16	3.1	519
MCDOWELL	282	49.0	173	30.1	78	13.6	14	2.4	28	4.9	575
MARION	501	72.0	148	21.3	32	4.6	5	0.7	10	1.4	696
MARSHALL	339	80.1	59	13.9	10	2.4	9	2.1	6	1.4	423
MASON	217	70.7	61	19.9	21	6.8	2	0.7	6	2.0	307
MERCER	466	59.9	195	25.1	65	8.4	10	1.3	42	5.4	778
MINERAL	235	69.7	83	24.6	11	3.3	6	1.8	2	0.6	337
MINGO	225	45.8	186	37.9	50	10.2	21	4.3	9	1.8	491
MONONGALIA	787	85.9	98	10.7	21	2.3	2	0.2	8	0.9	916
MONROE	97	62.2	28	17.9	15	9.6	3	1.9	13	8.3	156
MORGAN	78	63.9	30	24.6	8	6.6	1	0.8	5	4.1	122
NICHOLAS	241	66.8	95	26.3	15	4.2	2	0.6	8	2.2	361
OHIO	490	74.4	121	18.4	34	5.2	7	1.1	7	1.1	659
PENDLETON	83	73.5	22	19.5	6	5.3	1	0.9	1	0.9	113
PLEASANTS	63	81.8	7	9.1	1	1.3	3	3.9	3	3.9	77
POCAHONTAS	77	65.8	32	27.4	5	4.3	1	0.9	2	1.7	117
PRESTON	271	75.7	67	18.7	9	2.5	8	2.2	3	0.8	358
PUTNAM	400	73.8	93	17.2	24	4.4	6	1.1	19	3.5	542
RALEIGH	534	61.7	190	22.0	67	7.7	19	2.2	55	6.4	865
RANDOLPH	261	69.4	83	22.1	26	6.9	3	0.8	3	0.8	376
RITCHIE	83	73.5	21	18.6	5	4.4	2	1.8	2	1.8	113
ROANE	114	64.4	45	25.4	9	5.1	1	0.6	8	4.5	177
SUMMERS	90	62.9	33	23.1	13	9.1	1	0.7	6	4.2	143
TAYLOR	141	75.8	34	18.3	10	5.4	0	0.0	1	0.5	186
TUCKER	49	66.2	14	18.9	9	12.2	0	0.0	2	2.7	74
TYLER	80	72.7	23	20.9	5	4.5	0	0.0	2	1.8	110
UPSHUR	181	62.6	83	28.7	20	6.9	2	0.7	3	1.0	289
WAYNE	391	77.4	95	18.8	12	2.4	5	1.0	2	0.4	505
WEBSTER	115	74.7	33	21.4	4	2.6	0	0.0	2	1.3	154
WETZEL	173	70.9	57	23.4	11	4.5	2	0.8	1	0.4	244
WIRT	48	72.7	8	12.1	6	9.1	2	3.0	2	3.0	66
WOOD	829	72.9	165	14.5	56	4.9	34	3.0	53	4.7	1,137
WYOMING	203	59.2	96	28.0	27	7.9	9	2.6	8	2.3	343
TOTAL	15,357	68.5	4,907	21.9	1,267	5.7	290	1.3	603	2.7	22,424

WEST VIRGINIA RESIDENT BIRTHS 1987
Prenatal Care by Child's Race and Mother's Marital Status and Education
Table 12

BIRTH CHARACTERISTICS	TIME PRENATAL CARE BEGAN					TOTAL
	FIRST TRIMESTER	SECOND TRIMESTER	THIRD TRIMESTER	NO CARE	UNKNOWN	
CHILD'S RACE: WHITE						
MOTHER'S MARITAL STATUS:						
MARRIED	12,899	3,185	675	117	389	17,265
NOT MARRIED	1,906	1,425	479	147	169	4,126
TOTAL	14,805	4,610	1,154	264	558	21,391
MOTHER'S EDUCATION LEVEL:						
UNDER 5 YEARS	4	3	1	1	2	11
5-8 YEARS	461	317	117	34	38	967
9-11 YEARS	2,463	1,586	428	103	170	4,750
12 YEARS	6,810	1,986	461	93	229	9,579
13-15 YEARS	2,609	454	98	16	63	3,240
16 YEARS OR MORE	2,382	226	39	6	42	2,695
UNKNOWN	76	38	10	11	14	149
TOTAL	14,805	4,610	1,154	264	558	21,391
CHILD'S RACE: NONWHITE						
MOTHER'S MARITAL STATUS:						
MARRIED	337	110	25	3	15	490
NOT MARRIED	215	187	88	23	30	543
TOTAL	552	297	113	26	45	1,033
MOTHER'S EDUCATION LEVEL:						
UNDER 5 YEARS	0	1	0	0	0	1
5-8 YEARS	7	13	5	3	0	28
9-11 YEARS	65	83	28	7	9	192
12 YEARS	239	136	54	13	21	463
13-15 YEARS	141	46	23	3	8	221
16 YEARS OR MORE	93	17	3	0	4	117
UNKNOWN	7	1	0	0	3	11
TOTAL	552	297	113	26	45	1,033

WEST VIRGINIA RESIDENT BIRTHS 1987
Prenatal Care Visits by County of Residence
Table 13

COUNTY OF RESIDENCE	PRENATAL CARE VISITS												TOTAL
	NO VISITS		1 TO 5 VISITS		6 TO 10 VISITS		11 TO 15 VISITS		16 OR MORE VISITS		UNKNOWN		
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	
BARBOUR	2	1.2	9	5.4	54	32.3	91	54.5	11	6.6	0	0.0	167
BERKELEY	9	1.1	43	5.2	256	31.2	446	54.3	56	6.8	11	1.3	821
BOONE	3	1.0	27	8.7	145	46.9	115	37.2	10	3.2	9	2.9	309
BRAXTON	2	1.0	7	3.6	68	34.7	74	37.8	12	6.1	33	16.8	196
BROOKE	1	0.4	8	3.0	69	25.7	165	61.6	20	7.5	5	1.9	268
CABELL	6	0.5	54	4.8	397	35.3	624	55.5	38	3.4	5	0.4	1,124
CALHOUN	1	1.1	7	7.4	48	50.5	34	35.8	1	1.1	4	4.2	95
CLAY	1	0.7	11	7.2	67	43.8	61	39.9	7	4.6	6	3.9	153
DODDRIDGE	1	1.4	5	7.2	21	30.4	37	53.6	2	2.9	3	4.3	69
FAYETTE	3	0.5	76	13.0	210	35.9	249	42.6	34	5.8	13	2.2	585
GILMER	0	0.0	4	4.1	30	30.6	45	45.9	4	4.1	15	15.3	98
GRANT	2	1.7	2	1.7	30	25.0	75	62.5	11	9.2	0	0.0	120
GREENBRIER	10	2.5	12	3.0	84	21.3	209	53.0	75	19.0	4	1.0	394
HAMPSHIRE	8	3.7	12	5.6	53	24.5	130	60.2	7	3.2	6	2.8	216
HANCOCK	8	2.1	18	4.8	97	25.9	198	52.9	49	13.1	4	1.1	374
HARDY	1	0.9	2	1.8	18	16.2	85	76.6	5	4.5	0	0.0	111
HARRISON	6	0.7	52	5.7	240	26.3	532	58.3	75	8.2	7	0.8	912
JACKSON	2	0.6	17	5.4	122	38.9	151	48.1	14	4.5	8	2.5	314
JEFFERSON	13	2.4	57	10.7	155	29.2	250	47.1	49	9.2	7	1.3	531
KANAWHA	17	0.6	125	4.6	1,093	40.0	1,251	45.8	122	4.5	124	4.5	2,732
LEWIS	1	0.5	12	5.8	61	29.3	86	41.3	14	6.7	34	16.3	208
LINCOLN	0	0.0	14	4.7	133	44.6	137	46.0	9	3.0	5	1.7	298
LOGAN	13	2.5	113	21.8	247	47.6	118	22.7	13	2.5	15	2.9	519
MCDOWELL	14	2.4	229	39.6	221	38.4	98	16.7	10	1.7	11	1.9	575
MARION	5	0.7	67	9.6	302	43.4	285	40.9	31	4.5	6	0.9	696
MARSHALL	9	2.1	14	3.3	102	24.1	275	65.0	20	4.7	3	0.7	423
MASON	2	0.7	26	8.5	131	42.7	130	42.3	16	5.2	2	0.7	307
MERCER	10	1.3	218	28.8	355	45.6	131	16.8	43	5.5	21	2.7	778
MINERAL	6	1.8	25	7.4	131	38.9	162	48.1	12	3.6	1	0.3	337
MINGO	21	4.3	123	25.1	194	39.5	125	25.5	14	2.9	14	2.9	491
MONONGALIA	2	0.2	33	3.6	177	19.3	546	59.6	150	16.4	8	0.9	916
MONROE	3	1.9	24	15.4	63	40.4	51	32.7	11	7.1	4	2.6	156
MORGAN	1	0.8	8	6.6	42	34.4	60	49.2	5	4.1	6	4.9	122
NICHOLAS	2	0.6	25	6.9	136	37.7	150	41.6	39	10.8	9	2.5	361
OHIO	7	1.1	18	2.7	182	27.6	431	65.4	15	2.3	6	0.9	659
PENDLETON	1	0.9	9	8.0	38	33.6	52	46.0	12	10.6	1	0.9	113
PLEASANTS	3	3.9	2	2.6	19	24.7	42	54.8	2	2.6	9	11.7	77
POCAHONTAS	1	0.9	11	9.4	47	40.2	48	41.0	9	7.7	1	0.9	117
PRESTON	7	2.0	12	3.4	119	33.2	193	53.9	24	6.7	3	0.8	358
PUTNAM	6	1.1	20	3.7	158	29.2	311	57.4	33	6.1	14	2.6	542
RALEIGH	19	2.2	121	14.0	229	26.5	380	43.9	95	11.0	21	2.4	865
RANDOLPH	3	0.8	29	7.7	160	42.6	168	44.7	10	2.7	6	1.6	376
RITCHIE	2	1.8	7	6.2	28	24.8	65	57.5	6	5.3	5	4.4	113
ROANE	1	0.6	16	9.0	84	47.5	63	35.6	4	2.3	9	5.1	177
SUMMERS	1	0.7	18	12.6	52	36.4	56	39.2	13	9.1	3	2.1	143
TAYLOR	8	0.8	19	10.2	74	39.8	82	44.1	10	5.4	1	0.5	186
TUCKER	0	0.0	8	10.8	26	35.1	34	45.9	5	6.8	1	1.4	74
TYLER	0	0.0	16	14.5	53	48.2	39	35.5	0	0.0	2	1.8	110
UPSHUR	2	0.7	26	9.0	126	43.6	114	39.4	12	4.2	9	3.1	289
WAYNE	9	1.8	7	1.4	181	35.8	294	58.2	16	3.2	2	0.4	505
WEBSTER	0	0.0	13	8.4	56	36.4	56	36.4	24	15.6	5	3.2	154
WETZEL	2	0.8	19	16.0	112	45.9	81	33.2	6	2.5	4	1.6	244
WIRT	2	3.0	7	10.6	23	34.8	28	42.4	1	1.5	5	7.6	66
WOOD	34	3.0	58	5.1	357	31.4	543	47.8	59	5.2	86	7.6	1,137
WYOMING	9	2.6	59	17.2	120	35.0	130	37.9	15	4.4	10	2.9	343
TOTAL	290	1.3	1,994	8.9	7,796	34.8	10,370	46.3	1,360	6.1	606	2.7	22,424

WEST VIRGINIA RESIDENT BIRTHS 1987
Number and Rate by City
Table 14

CITIES WITH POPULATION OF 10,000 OR LARGER	1986* POPULATION	NUMBER OF RESIDENT BIRTHS	RATE PER 1,000 POPULATION
Beckley	19,600	260	13.3
Bluefield	14,400	187	13.0
Charleston	57,900	702	12.1
Clarksburg	20,000	268	13.4
Fairmont	22,300	243	10.9
Huntington	59,300	746	12.6
Martinsburg	13,200	273	20.7
Morgantown	26,800	387	14.4
Moundsville	11,600	133	11.5
Parkersburg	38,500	484	12.6
Saint Albans	12,000	251	20.9
South Charleston	15,000	153	10.2
Vienna	11,400	131	11.5
Weirton	23,600	233	9.9
Wheeling	40,000	496	12.4

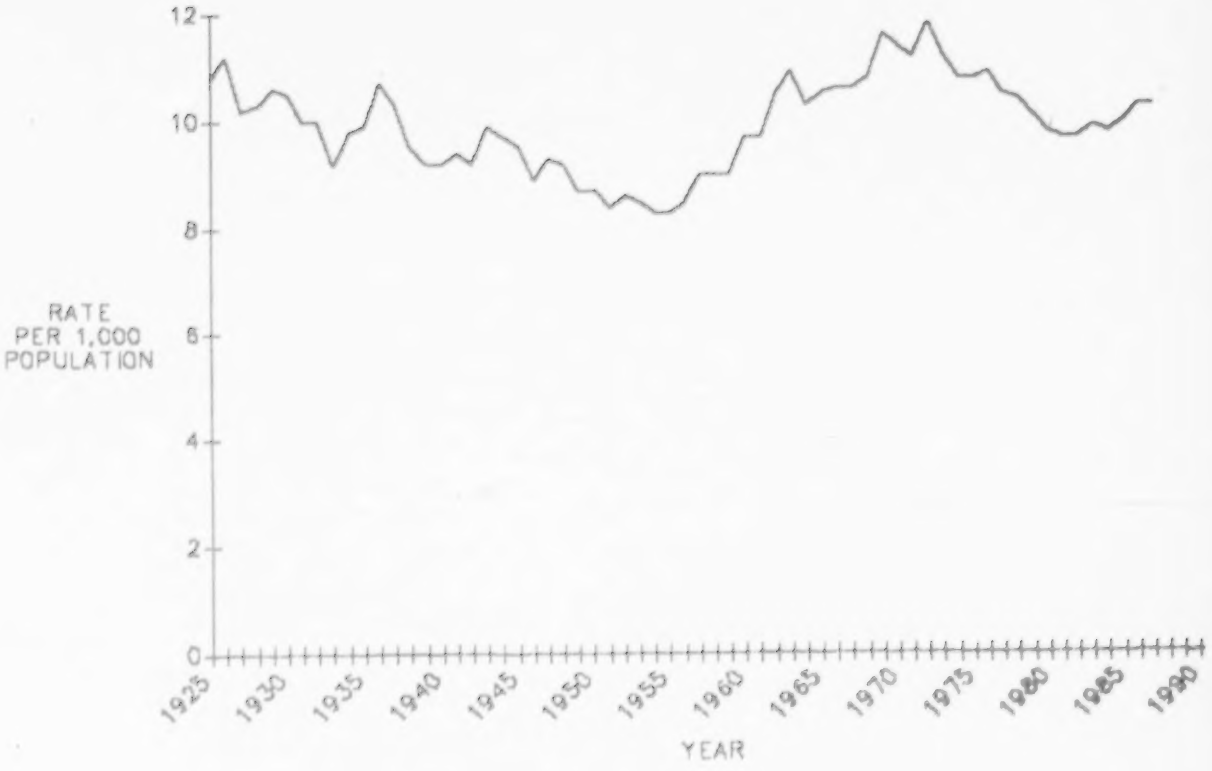
*U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-26, No. 86-S-SC, March 1988. (Latest city population estimates available for rate calculations.)

WEST VIRGINIA RESIDENT BIRTHS 1983-1987
Out-of-State Occurrences
Table 15

STATE	1983 BIRTHS	1984 BIRTHS	1985 BIRTHS	1986 BIRTHS	1987 BIRTHS
Virginia	856	798	768	708	742
Maryland	665	666	584	498	501
Ohio	474	472	464	486	484
Kentucky	231	193	152	117	145
Pennsylvania	93	86	113	92	127
All Other States	25	26	35	38	46
Total	2,344	2,241	2,116	1,939	2,045

DEATHS

WEST VIRGINIA RESIDENT DEATHS 1925-1987
Number and Rate
Exhibit 11



YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 1,000 POPULATION
1925	17,132	10.8
1930	18,220	10.5
1935	18,342	9.9
1940	17,577	9.2
1945	16,464	9.6
1950	17,459	8.7
1955	16,712	8.9
1960	18,040	9.7
1965	19,121	10.7
1970	19,924	11.4
1975	19,479	10.8
1980	19,178	9.8
1981	19,039	9.7
1982	18,976	9.7
1983	19,293	9.9
1984	19,182	9.8
1985	19,425	10.0
1986	19,859	10.3
1987	19,763	10.3

WEST VIRGINIA RESIDENT DEATHS 1987
County of Residence by Race and Sex
Table 16

COUNTY	WHITE		NONWHITE		TOTAL
	MALE	FEMALE	MALE	FEMALE	
BARBOUR	109	76	0	0	185
BERKELEY	236	220	9	6	471
BOONE	179	113	2	0	294
BRAXTON	94	83	0	1	178
BROOKE	152	146	0	0	298
CABELL	557	576	26	27	1,186
CALHOUN	59	42	0	0	101
CLAY	56	49	0	0	105
DODDRIDGE	51	30	0	0	81
FAYETTE	287	280	23	39	629
GILMER	53	48	0	0	101
GRANT	44	45	0	1	90
GREENBRIER	209	172	9	9	399
HAMPSHIRE	80	72	0	1	153
HANCOCK	171	193	7	10	381
HARDY	60	46	1	0	107
HARRISON	448	416	10	11	885
JACKSON	144	116	0	0	260
JEFFERSON	157	102	21	11	291
KANAWHA	1,083	1,174	65	83	2,355
LEWIS	94	108	1	0	203
LINCOLN	129	102	0	0	231
LOGAN	255	173	11	10	449
MCDOWELL	208	165	56	41	470
MARION	367	339	10	13	729
MARSHALL	213	192	2	2	409
MASON	154	116	1	1	272
MERCER	385	293	32	31	741
MINERAL	167	148	2	2	319
MINGO	186	138	2	6	332
MONONGALIA	300	291	13	11	615
MONROE	71	64	2	2	139
MORGAN	73	59	0	1	133
NICHOLAS	152	119	0	0	271
OHIO	355	377	14	9	755
PENDLETON	46	42	1	0	89
PLEASANTS	39	29	0	0	68
POCAHONTAS	70	53	1	1	125
PRESTON	168	137	0	0	305
PUTNAM	165	135	0	0	300
RALEIGH	412	334	52	44	842
RANDOLPH	174	146	3	2	325
RITCHIE	70	56	0	0	126
ROANE	91	78	0	0	169
SUMMERS	102	87	5	3	197
TAYLOR	96	67	1	1	165
TUCKER	58	35	0	0	93
TYLER	65	63	0	0	128
UPSHUR	129	127	0	0	256
WAYNE	243	176	0	0	419
WEBSTER	67	48	0	1	116
WETZEL	120	107	0	0	227
WIRT	26	23	0	0	49
WOOD	420	456	5	4	885
WYOMING	152	102	4	1	259
TOTAL	10,051	8,934	393	385	19,763

WEST VIRGINIA DEATHS 1987
Number by County of Residence and Occurrence
Table 17

COUNTY	RESIDENCE	OCCURRENCE	COUNTY	RESIDENCE	OCCURRENCE
BARBOUR	185	120	MONONGALIA	615	1,243
BERKELEY	471	727	MONROE	139	48
BOONE	294	197	MORGAN	133	97
BRAXTON	178	133	NICHOLAS	271	197
BROOKE	298	358	OHIO	757	1,157
CABELL	1,186	1,783	PENDLETON	89	46
CALHOUN	101	78	PLEASANTS	68	27
CLAY	105	48	POCAHONTAS	125	84
DODDRIDGE	81	23	PRESTON	305	203
FAYETTE	629	503	PUTNAM	300	269
GILMER	101	30	RALEIGH	842	1,178
GRANT	90	96	RANDOLPH	325	379
GREENBRIER	399	324	RITCHIE	126	63
HAMPSHIRE	153	82	ROANE	169	124
HANCOCK	381	101	SUMMERS	197	177
HARDY	107	41	TAYLOR	165	113
HARRISON	885	1,087	TUCKER	93	62
JACKSON	260	221	TYLER	128	78
JEFFERSON	291	207	UPSHUR	256	217
KANAWHA	2,355	2,798	WAYNE	419	311
LEWIS	203	157	WEBSTER	116	85
LINCOLN	231	65	WETZEL	227	193
LOGAN	449	397	WIRT	49	18
MCDOWELL	470	288	WOOD	885	1,132
MARION	729	524	WYOMING	259	98
MARSHALL	409	326			
MASON	272	242			
MERCER	741	901	TOTAL	19,763*	19,802
MINERAL	319	185			
MINGO	332	161			

*INCLUDES 1,735 WEST VIRGINIA RESIDENT DEATHS OCCURRING OUT-OF-STATE.

WEST VIRGINIA RESIDENT DEATHS 1987
Out-of-State Occurrences
Table 18

STATE	NUMBER OF DEATHS
Virginia	445
Ohio	395
Maryland	293
Pennsylvania	194
Kentucky	162
Florida	62
North Carolina	50
District of Columbia	32
Tennessee	13
South Carolina	11
Texas	10
Other States	68
TOTAL	1,735

WEST VIRGINIA RESIDENT DEATHS 1983-1987
Number by County of Residence
Table 19

COUNTY	1983	1984	1985	1986	1987	COUNTY	1983	1984	1985	1986	1987
BARBOUR	183	172	176	161	185	MONONGALIA	561	511	557	613	615
BERKELEY	494	521	523	504	471	MONROE	156	139	132	145	139
BOONE	264	311	266	283	294	MORGAN	120	125	130	126	133
BRAXTON	155	186	159	164	178	NICHOLAS	238	262	249	240	271
BROOKE	248	279	270	321	295	OHIO	724	718	761	706	757
CABELL	1,216	1,168	1,159	1,209	1,186	PENDLETON	88	76	106	70	89
CALHOUN	92	87	97	84	131	PLEASANTS	64	69	91	70	68
CLAY	106	99	94	95	105	POCAHONTAS	103	119	132	137	125
DODDRIDGE	84	63	68	84	81	PRESTON	286	294	301	293	305
FAYETTE	701	604	661	693	629	PUTNAM	285	269	304	267	300
GILMER	103	65	69	62	101	RALEIGH	901	869	864	927	842
GRANT	106	85	104	95	90	RANDOLPH	341	301	271	293	305
GREENBRIER	411	441	415	429	399	RITCHIE	119	127	125	156	126
HAMPSHIRE	138	145	141	151	153	ROANE	184	153	171	166	169
HANCOCK	381	375	367	380	381	SUMMERS	164	153	156	181	197
HARDY	114	103	128	127	107	TAYLOR	156	190	166	180	165
HARRISON	894	882	879	893	885	TUCKER	110	112	102	91	93
JACKSON	192	202	205	213	269	TYLER	112	102	114	116	128
JEFFERSON	227	291	296	297	291	UPSHUR	233	191	241	225	256
KANAWHA	2,210	2,245	2,298	2,409	2,355	WAYNE	357	356	383	410	419
LEWIS	228	230	218	229	253	WEBSTER	117	108	145	128	116
LINCOLN	190	235	233	198	231	WETZEL	228	229	211	222	227
LOGAN	483	469	451	481	459	WIRT	48	49	54	57	49
MCDOWELL	535	498	524	483	478	WOOD	854	861	903	929	835
MARION	642	692	752	801	778	WYOMING	268	285	263	295	259
MARSHALL	400	386	361	398	439						
MASON	288	273	245	284	272						
MERCER	778	799	791	777	741	TOTAL	19,295	19,182	19,425	19,859	19,763
MINERAL	253	273	298	265	319						
MINGO	321	359	337	384	345						

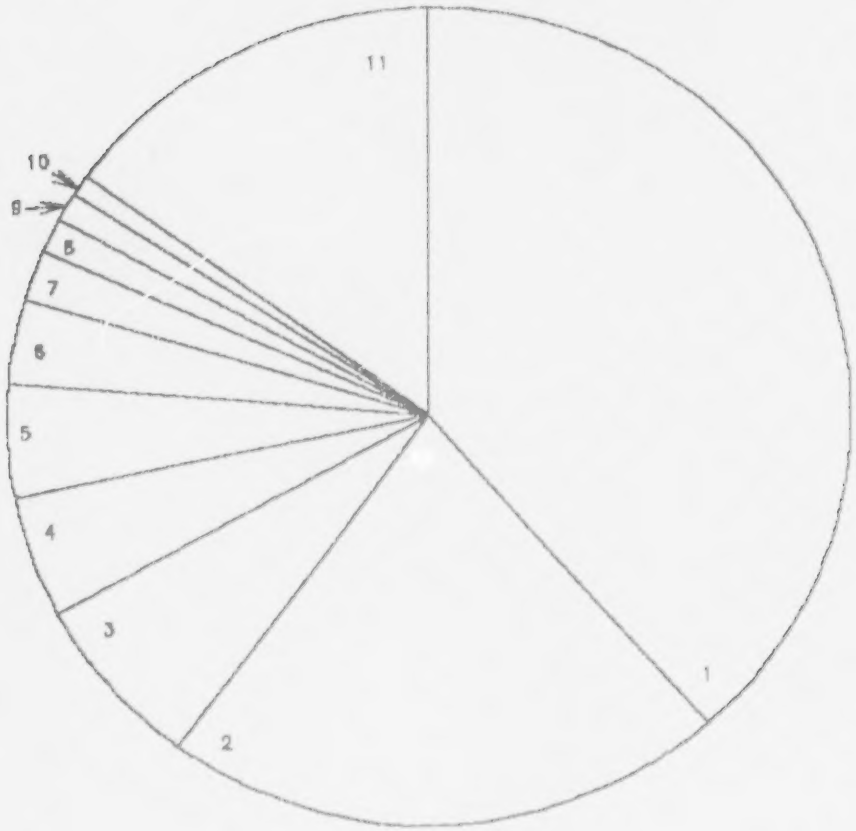
WEST VIRGINIA RESIDENT DEATHS 1987
County of Residence by Age at Death
Table 20

COUNTY	AGE IN YEARS													TOTAL
	LESS THAN ONE	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	* UNKNOWN	
BARBOUR	3	0	0	1	1	4	1	7	22	49	62	41	0	191
BERKELEY	5	0	1	1	11	19	23	38	69	127	176	69	0	671
BOONE	4	0	1	3	9	17	14	17	42	84	69	47	0	294
BRAXTON	1	0	0	0	2	4	3	14	14	18	46	42	0	148
BROOKE	3	0	0	2	5	7	8	15	46	84	91	95	0	356
CABELL	16	1	0	5	11	19	28	51	146	358	366	358	0	1,106
CALHOUN	0	1	0	0	2	2	1	9	16	23	27	21	0	102
CLAY	0	1	0	0	3	4	4	4	19	27	28	15	0	105
DODDRIDGE	0	0	0	0	1	2	3	3	14	21	23	17	0	91
FAYETTE	4	5	4	1	6	15	14	39	70	166	184	118	0	627
GILMER	2	0	0	0	1	4	3	1	12	14	36	23	0	101
GRANT	0	1	0	1	1	3	3	5	8	22	23	21	0	98
GREENBRIER	2	1	2	2	11	13	5	19	36	82	116	93	0	399
HAMPSHIRE	2	0	0	0	1	2	5	8	25	45	37	27	0	153
HANCOCK	3	0	0	0	0	6	10	19	38	102	138	63	0	381
HARDY	1	0	0	1	5	4	4	3	16	35	36	22	0	127
HARRISON	12	1	1	0	6	8	17	44	110	167	291	226	0	885
JACKSON	3	0	0	0	4	4	5	13	30	65	75	68	0	268
JEFFERSON	7	2	2	1	4	3	12	12	30	55	58	35	0	231
KANAWHA	22	4	3	3	28	35	73	110	231	423	571	445	1	2,355
LEWIS	1	0	0	0	2	3	5	7	31	47	69	66	0	231
LINCOLN	5	0	0	1	4	2	6	13	22	51	69	35	0	231
LOGAN	8	1	1	0	8	18	18	31	59	215	211	65	0	869
MCDOWELL	3	3	0	3	11	11	13	54	83	195	218	65	0	678
MARION	8	1	0	2	10	7	11	31	90	159	317	183	0	729
MARSHALL	5	0	1	0	3	2	12	18	53	181	338	81	0	869
MASON	2	0	0	1	4	0	6	16	43	63	72	54	0	272
MERCER	7	3	0	1	15	21	5	27	78	197	318	138	9	769
MINERAL	5	1	1	1	10	7	8	13	46	85	91	49	0	319
MINGO	4	3	3	0	14	9	13	33	61	99	85	44	0	370
MONONGALIA	9	0	1	1	3	8	12	35	84	163	176	137	1	635
MONROE	3	0	0	1	1	3	6	9	16	34	47	33	0	154
MORGAN	4	0	1	0	1	3	3	13	21	35	50	29	0	161
NICHOLAS	5	0	1	0	11	8	9	13	34	44	78	69	0	272
OHIO	14	1	1	2	7	11	9	40	108	244	276	104	1	767
PENDLETON	1	1	0	0	0	0	3	3	9	13	21	16	0	68
PLEASANTS	1	0	0	1	1	4	1	4	7	14	19	10	0	62
POCAHONTAS	0	0	0	0	1	1	4	4	14	21	17	11	0	73
PRESTON	4	0	0	1	3	3	8	11	41	101	111	73	0	356
PUTNAM	3	1	0	1	3	3	4	11	28	54	84	69	0	261
RALEIGH	5	4	0	3	11	14	9	31	113	201	241	141	3	776
RANDOLPH	3	0	0	1	4	3	3	14	44	77	173	82	0	410
RITCHIE	3	0	1	2	1	0	1	3	11	18	37	36	0	113
ROANE	0	1	0	1	0	4	2	3	11	21	46	27	0	116
SUMMERS	2	1	0	1	0	2	2	7	11	21	28	21	0	96
TAYLOR	1	0	0	1	1	2	2	10	11	21	42	18	0	110
TUCKER	1	1	0	1	0	1	1	3	11	21	26	20	0	85
TYLER	0	0	0	1	1	1	0	4	11	21	40	27	0	106
UPSHUR	4	1	0	2	1	3	3	9	21	32	70	43	0	189
WAYNE	5	1	0	3	4	4	6	21	41	79	117	73	0	355
WEBSTER	1	1	0	0	0	1	2	4	10	21	28	19	0	87
WETZEL	1	0	1	1	2	3	3	7	9	24	34	24	0	109
WIRT	1	0	0	0	0	1	1	2	7	14	16	11	0	53
WOOD	15	2	0	3	11	13	7	40	100	264	414	196	0	1,065
WYOMING	3	0	0	1	4	3	3	11	21	39	58	30	0	173
TOTAL	233	63	33	68	253	333	476	1,017	2,151	4,209	5,433	3,265	17	17,553

WEST VIRGINIA RESIDENT DEATHS 1987
Place Death Occurred by County of Residence
Table 21

COUNTY	PLACE DEATH OCCURRED								
	HOSPITAL	OUT-OF-STATE HOSPITAL	ENROUTE TO HOSPITAL	CLINIC OR CENTER	LICENSED NURSING HOME	UNLICENSED PERSONAL CARE	HOME	OTHER AND UNKNOWN	TOTAL
BARBOUR	125	3	33	0	0	0	19	2	185
BERKELEY	279	58	24	0	30	1	63	16	471
BOONE	179	4	52	3	7	2	36	11	294
BRAXTON	101	8	4	1	17	0	42	5	178
BROOKE	178	77	9	0	34	1	48	1	298
CABELL	705	28	257	1	89	4	116	6	1,186
CALHOUN	62	3	4	0	10	0	16	6	101
CLAY	65	1	3	0	5	0	49	2	105
DODDRIDGE	44	4	1	1	10	0	19	2	81
FAYETTE	401	22	18	0	48	4	109	27	629
GILMER	62	4	2	0	6	0	25	2	101
GRANT	44	19	3	1	4	0	9	10	90
GREENBRIER	167	74	9	0	62	4	61	22	399
HAMPSHIRE	41	58	24	0	12	1	17	0	153
HANCOCK	153	198	32	0	43	5	54	6	581
HARDY	19	38	2	5	9	0	24	10	107
HARRISON	498	33	52	1	116	10	163	17	885
JACKSON	132	7	4	1	56	3	58	5	268
JEFFERSON	145	36	41	0	32	0	30	7	291
KANAWHA	1,391	48	91	7	224	32	565	42	2,355
LEWIS	131	6	27	0	15	0	23	1	203
LINCOLN	144	2	23	1	7	3	37	14	231
LOGAN	293	18	116	1	8	2	15	6	449
MCDOWELL	271	54	113	0	18	2	9	1	470
MARION	395	24	48	1	98	4	157	10	729
MARSHALL	255	14	36	8	55	2	43	4	409
MASON	145	49	48	0	1	3	23	3	272
MERCER	470	56	136	6	32	1	41	5	741
MINERAL	187	108	7	0	11	0	41	13	319
MINGO	103	85	29	1	9	0	68	26	332
MONONGALIA	325	28	11	1	80	4	149	25	615
MONROE	42	91	6	0	11	1	54	4	139
MORGAN	55	29	19	0	19	1	10	4	133
NICHOLAS	165	5	39	0	26	1	31	4	271
OHIO	458	47	19	5	135	1	107	4	757
PENDLETON	12	31	1	1	17	0	19	6	89
PLEASANTS	37	9	1	0	6	2	17	0	68
POCAHONTAS	45	19	11	0	7	0	13	10	105
PRESTON	153	13	59	3	34	0	35	7	305
PUTNAM	351	9	4	0	28	4	70	15	505
RALEIGH	536	21	158	1	65	1	36	10	842
RANDOLPH	187	31	78	0	32	1	70	3	329
RITCHIE	69	8	8	2	16	0	41	4	126
ROANE	101	3	1	0	19	4	40	4	169
SUMMERS	119	17	31	1	11	2	7	2	197
TAYLOR	133	8	19	4	11	2	24	4	165
TUCKER	46	4	11	3	10	0	15	3	92
TYLER	39	3	3	3	23	3	17	3	118
UPSHUR	119	4	48	0	49	3	26	0	256
WAYNE	258	34	85	1	64	0	51	21	419
WEBSTER	65	3	23	1	9	0	15	2	118
WETZEL	133	9	19	0	55	0	58	5	227
WIRT	38	4	3	1	1	1	14	1	63
WOOD	615	69	29	0	90	0	150	23	885
WYOMING	130	13	58	0	19	0	28	11	259
TOTAL	11,053	1,455	1,894	70	1,999	117	2,971	477	19,761

WEST VIRGINIA RESIDENT DEATHS 1987
Leading Causes of Death
Exhibit 12

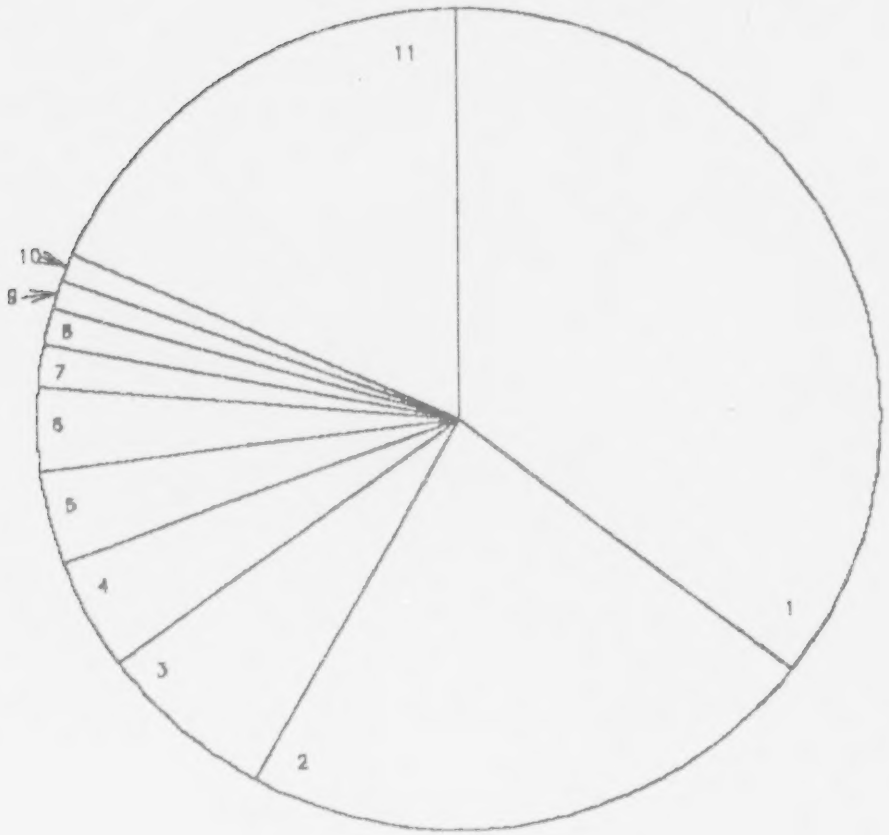


	LEADING CAUSES OF DEATH IN WEST VIRGINIA, 1987	NUMBER OF DEATHS	RATE PER 100,000 POPULATION*	AGE-ADJUSTED RATE**	PERCENT OF TOTAL
1.	Diseases of the heart	7,680	400.2	370.6	38.9
2.	Malignant neoplasms	4,287	223.4	206.9	21.7
3.	Cerebrovascular disease	1,325	69.0	64.1	6.7
4.	Accidents, all forms	944	49.2	48.4	4.8
5.	Chronic obstructive pulmonary disease and allied conditions	902	47.0	43.3	4.6
6.	Pneumonia and influenza	636	33.1	30.8	3.2
7.	Diabetes mellitus	406	21.2	19.6	2.1
8.	Suicide	245	12.8	12.6	1.2
9.	Nephritis, nephrotic syndrome, and nephrosis	231	12.0	11.1	1.2
10.	Septicemia	184	9.6	8.9	0.9
	TOTAL for leading causes	16,840	877.7	816.3	85.2
11.	All other causes	2,923	152.2	142.7	14.8
	TOTAL for all causes	19,763	1,029.9	959.0	100.0

*U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-26, 87-A, August 1987. 1986 population estimates were the latest available at time of rate calculations.

**Based on age-group distributions from 1980 census. U.S. Bureau of the Census.

UNITED STATES RESIDENT DEATHS 1987
Leading Causes of Death
Exhibit 13



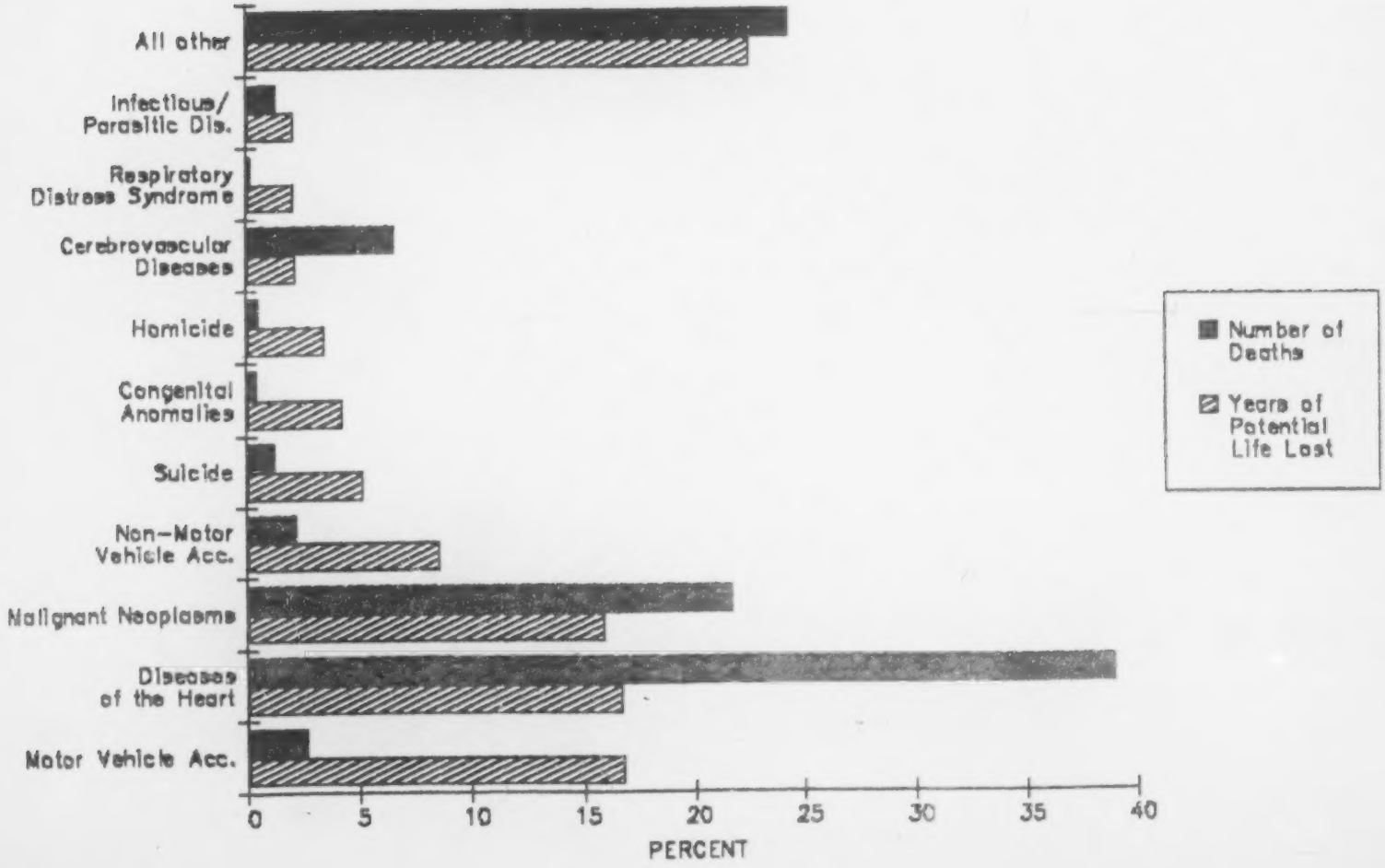
LEADING CAUSES OF DEATH IN THE UNITED STATES, 1987*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION	PERCENT OF TOTAL
1. Diseases of the heart	759,350	312.3	35.7
2. Malignant neoplasms	476,730	196.1	22.4
3. Cerebrovascular disease	148,730	61.2	7.0
4. Accidents, all forms	92,500	38.0	4.4
5. Chronic obstructive pulmonary disease and allied conditions	78,010	32.1	3.7
6. Pneumonia and influenza	68,630	28.2	3.2
7. Diabetes mellitus	37,770	15.5	1.8
8. Suicide	29,590	12.2	1.4
9. Chronic liver disease and cirrhosis	25,960	10.7	1.2
10. Nephritis, nephrotic syndrome, and nephrosis	23,600	9.7	1.1
TOTAL for leading causes	1,740,870	716.0	81.9
11. All other causes	384,210	158.0	18.1
TOTAL for all causes	2,125,080	874.0	100.0

*Monthly Vital Statistics Report (provisional statistics), National Center for Health Statistics, Vol. 37, No. 1, April 25, 1988. (Based on 10% sample.)

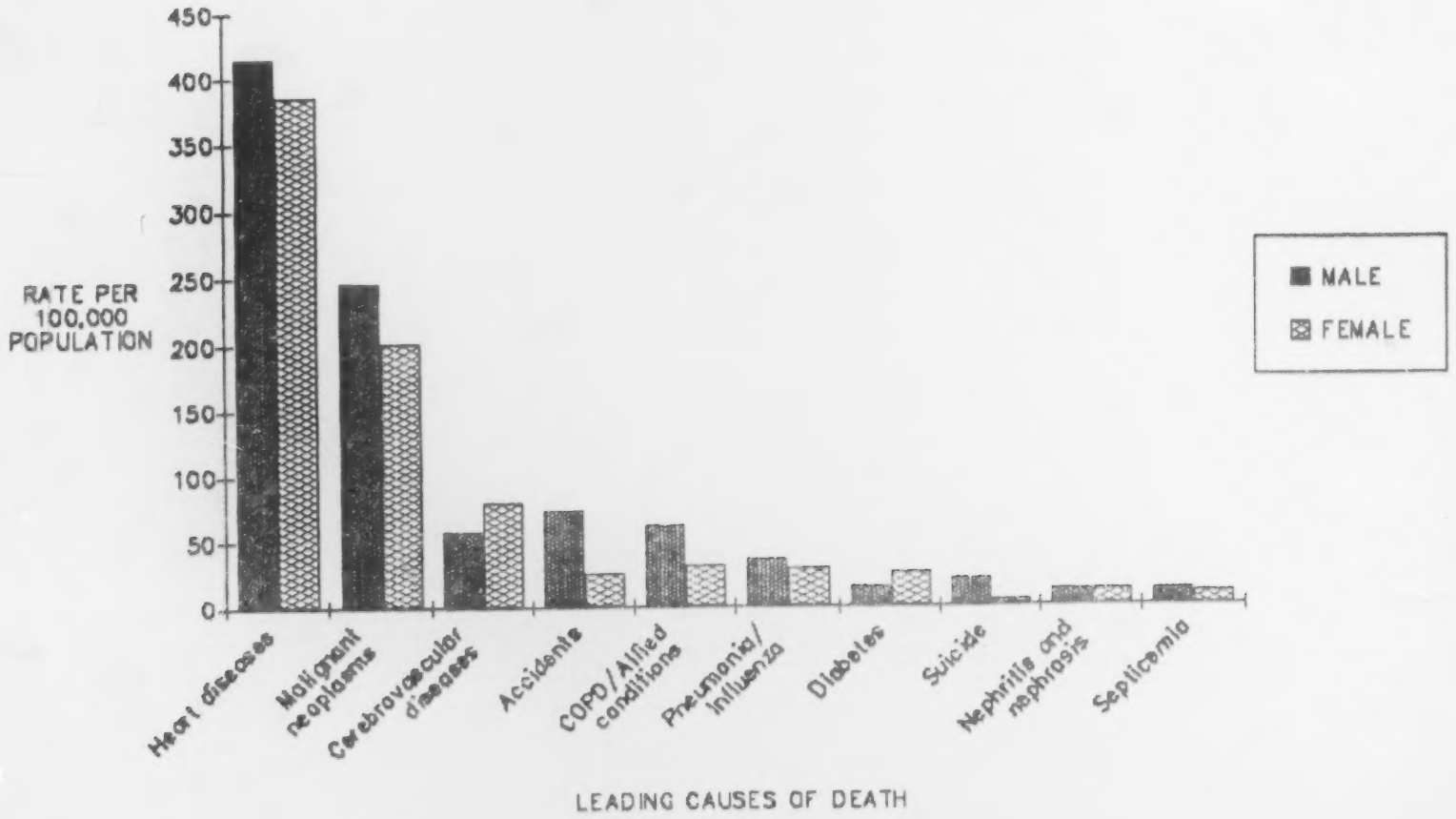
WEST VIRGINIA RESIDENT DEATHS 1987
Leading Causes of Death
Number and Percent Distribution
By Years of Potential Life Lost and Actual Deaths
Table 22

CAUSE OF DEATH	YEARS OF POTENTIAL LIFE LOST BEFORE AGE 65				ACTUAL DEATHS			
	NUMBER		PERCENT		NUMBER		PERCENT	
	1987	1986	1987	1986	1987	1986	1987	1986
ALL CAUSES (TOTAL)	89,907	93,845	100.0	100.0	19,763	19,859	100.0	100.0
MOTOR VEHICLE ACCIDENTS	15,101	13,864	16.8	14.8	507	445	2.6	2.2
DISEASES OF THE HEART	15,027	15,887	16.7	16.9	7,680	7,704	38.9	38.8
MALIGNANT NEOPLASMS	14,272	15,009	15.9	16.0	4,287	4,313	21.7	21.7
NON-MOTOR VEHICLE ACCIDENTS	7,709	7,653	8.6	8.2	437	448	2.2	2.3
SUICIDE	4,646	5,839	5.2	6.2	245	270	1.2	1.4
CONGENITAL ANOMALIES	3,898	4,422	4.3	4.7	77	84	0.4	0.4
HOMICIDE	3,114	3,364	3.5	3.6	107	121	0.5	0.6
CEREBROVASCULAR DISEASES	1,975	1,721	2.2	1.8	1,325	1,356	6.7	6.8
RESPIRATORY DISTRESS SYNDROME/BIRTH ASPHYXIA	1,930	1,730	2.1	1.8	30	27	0.2	0.1
INFECTIOUS AND PARASITIC DISEASES	1,871	1,329	2.1	1.4	259	253	1.3	1.3
OTHER RESPIRATORY CONDITIONS OF NEWBORN	1,483	1,226	1.6	1.3	23	19	0.1	0.1
COPD AND ALLIED CONDITIONS	1,412	1,381	1.6	1.5	902	878	4.6	4.4
CHRONIC LIVER DISEASE AND CIRRHOSIS	1,405	1,759	1.6	1.9	182	206	0.9	1.0
SHORT GESTATION AND PREMATURE BIRTHS	1,355	1,613	1.5	1.7	21	25	0.1	0.1
SUDDEN INFANT DEATH SYNDROME	1,290	1,806	1.4	1.9	20	28	0.1	0.1
DIABETES MELLITUS	1,072	1,190	1.2	1.3	406	403	2.1	2.0
PNEUMONIA AND INFLUENZA	1,049	1,206	1.2	1.3	636	655	3.2	3.3
ALCOHOL OR DRUG PSYCHOSES, DEPENDENCE OR ABUSE	724	623	0.8	0.7	53	42	0.3	0.2
ALL OTHER CAUSES (RESIDUAL)	10,579	12,225	11.8	13.0	2,566	2,582	13.0	13.0

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes of Death
Percent Distribution of Years of Potential Life Lost
And Number of Deaths
Exhibit 14



WEST VIRGINIA RESIDENT DEATHS 1987
Ten Leading Causes of Death
Rate by Sex
Exhibit 15



WEST VIRGINIA RESIDENT DEATHS 1987
Leading Causes by Age Group and Sex
Table 23

LEADING CAUSES OF DEATH	TOTAL ALL AGE GROUPS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	10,444	100.0	9,319	100.0	19,763	100.0
DISEASES OF THE HEART	3,866	37.0	3,814	40.9	7,680	38.9
MALIGNANT NEOPLASMS	2,296	22.0	1,991	21.4	4,287	21.7
CEREBROVASCULAR DISEASES	538	5.2	787	8.4	1,325	6.7
ACCIDENTS, ALL FORMS	689	6.6	255	2.7	944	4.8
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	584	5.6	318	3.4	902	4.6
PNEUMONIA AND INFLUENZA	341	3.3	295	3.2	636	3.2
DIABETES MELLITUS	144	1.4	262	2.8	406	2.1
SUICIDE	201	1.9	44	0.5	245	1.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	113	1.1	118	1.3	231	1.2
SEPTICEMIA	87	0.8	97	1.0	184	0.9
CHRONIC LIVER DISEASE AND CIRRHOSIS	123	1.2	59	0.6	182	0.9
ALL OTHER CAUSES (RESIDUAL)	1,462	14.0	1,279	13.7	2,741	13.9

LEADING CAUSES OF DEATH	UNDER ONE YEAR					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	137	100.0	82	100.0	219	100.0
CONGENITAL ANOMALIES	24	17.5	15	18.3	39	17.8
RESPIRATORY DISTRESS SYNDROME	19	13.9	6	7.3	25	11.4
SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	12	8.8	9	11.0	21	9.6
OTHER RESPIRATORY CONDITIONS OF NEWBORN	11	8.0	10	12.2	21	9.6
SUDDEN INFANT DEATH SYNDROME	11	8.0	9	11.0	20	9.1
ILL-DEFINED CONDITIONS ORIGINATING IN PERINATAL PERIOD	11	8.0	8	9.8	19	8.7
DISEASES OF THE HEART	9	6.6	2	2.4	11	5.0
COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	7	5.1	2	2.4	9	4.1
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	7	5.1	2	2.4	9	4.1
BIRTH TRAUMA	3	2.2	2	2.4	5	2.3
MATERNAL COMPLICATIONS OF PREGNANCY	3	2.2	1	1.2	4	1.8
ALL OTHER CAUSES (RESIDUAL)	20	14.6	16	19.5	36	16.4

LEADING CAUSES OF DEATH	ONE TO FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	30	100.0	19	100.0	49	100.0
ACCIDENTS, ALL FORMS	18	60.0	7	36.8	25	51.0
CONGENITAL ANOMALIES	6	20.0	2	10.5	8	16.3
MALIGNANT NEOPLASMS	0	0.0	3	15.8	3	6.1
HOMICIDE	2	6.7	1	5.3	3	6.1
ALL OTHER CAUSES (RESIDUAL)	4	13.3	6	31.6	10	20.4

WEST VIRGINIA RESIDENT DEATHS 1987
Leading Causes by Age Group and Sex
Table 23 (cont'd)

LEADING CAUSES OF DEATH	FIVE TO NINE YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	16	100.0	8	100.0	24	100.0
ACCIDENTS, ALL FORMS	11	68.8	4	50.0	15	62.5
MALIGNANT NEOPLASMS	1	6.3	2	25.0	3	12.5
ALL OTHER CAUSES (RESIDUAL)	4	25.0	2	25.0	6	25.0

LEADING CAUSES OF DEATH	TEN TO FOURTEEN YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	28	100.0	12	100.0	40	100.0
ACCIDENTS, ALL FORMS	19	67.9	5	41.7	24	60.0
MALIGNANT NEOPLASMS	3	10.7	2	16.7	5	12.5
DISEASES OF THE HEART	2	7.1	0	0.0	2	5.0
ALL OTHER CAUSES (RESIDUAL)	4	14.3	5	41.7	9	22.5

LEADING CAUSES OF DEATH	FIFTEEN TO TWENTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	236	100.0	74	100.0	310	100.0
ACCIDENTS, ALL FORMS	164	69.5	44	59.5	208	67.1
SUICIDE	17	7.2	5	6.8	22	7.1
HOMICIDE	14	5.9	6	8.1	20	6.5
CONGENITAL ANOMALIES	8	3.4	3	4.1	11	3.5
DISEASES OF THE HEART	7	3.0	3	4.1	10	3.2
MALIGNANT NEOPLASMS	6	2.5	3	4.1	9	2.9
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	1	0.4	2	2.7	3	1.0
ALL OTHER CAUSES (RESIDUAL)	19	8.1	8	10.8	27	8.7

LEADING CAUSES OF DEATH	TWENTY-FIVE TO THIRTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	286	100.0	90	100.0	376	100.0
ACCIDENTS, ALL FORMS	135	47.2	20	22.2	155	41.2
SUICIDE	43	15.0	6	6.7	49	13.0
DISEASES OF THE HEART	27	9.4	10	11.1	37	9.8
MALIGNANT NEOPLASMS	11	3.8	18	20.0	29	7.7
HOMICIDE	24	8.4	5	5.6	29	7.7
CEREBROVASCULAR DISEASES	3	1.0	3	3.3	6	1.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	5	1.7	1	1.1	6	1.6
CONGENITAL ANOMALIES	1	0.3	4	4.4	5	1.3
PNEUMONIA AND INFLUENZA	2	0.7	2	2.2	4	1.1
ALL OTHER CAUSES (RESIDUAL)	35	12.2	21	23.3	56	14.9

WEST VIRGINIA RESIDENT DEATHS 1987
Leading Causes by Age Group and Sex
Table 23 (cont'd)

LEADING CAUSES OF DEATH	THIRTY-FIVE TO FORTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	361	100.0	167	100.0	528	100.0
MALIGNANT NEOPLASMS	60	16.6	70	41.9	130	24.6
DISEASES OF THE HEART	83	23.0	21	12.6	104	19.7
ACCIDENTS, ALL FORMS	77	21.3	21	12.6	98	18.6
SUICIDE	38	10.5	6	3.6	44	8.3
HOMICIDE	16	4.4	6	3.6	22	4.2
CEREBROVASCULAR DISEASES	10	2.8	10	6.0	20	3.8
DIABETES MELLITUS	6	1.7	4	2.4	10	1.9
PNEUMONIA AND INFLUENZA	8	2.2	2	1.2	10	1.9
CHRONIC LIVER DISEASE AND CIRRHOSIS	9	2.5	1	0.6	10	1.9
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	4	1.1	3	1.8	7	1.3
SEPTICEMIA	1	0.3	2	1.2	3	0.6
ALL OTHER CAUSES (RESIDUAL)	49	13.6	21	12.6	70	13.3

LEADING CAUSES OF DEATH	FORTY-FIVE TO FIFTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	647	100.0	390	100.0	1,037	100.0
DISEASES OF THE HEART	250	38.6	95	24.4	345	33.3
MALIGNANT NEOPLASMS	150	23.2	163	41.8	313	30.2
ACCIDENTS, ALL FORMS	51	7.9	13	3.3	64	6.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	32	4.9	10	2.6	42	4.1
CEREBROVASCULAR DISEASES	22	3.4	15	3.8	37	3.6
SUICIDE	23	3.6	11	2.8	34	3.3
DIABETES MELLITUS	16	2.5	15	3.8	31	3.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	12	1.9	14	3.6	26	2.5
HOMICIDE	11	1.7	3	0.8	14	1.4
PNEUMONIA AND INFLUENZA	5	0.8	6	1.5	11	1.1
SEPTICEMIA	4	0.6	6	1.5	10	1.0
ALL OTHER CAUSES (RESIDUAL)	71	11.0	39	10.0	110	10.6

LEADING CAUSES OF DEATH	FIFTY-FIVE TO SIXTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	1,730	100.0	1,067	100.0	2,797	100.0
DISEASES OF THE HEART	661	38.2	330	30.9	991	35.4
MALIGNANT NEOPLASMS	512	29.6	414	38.8	926	33.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	93	5.4	58	5.4	151	5.4
CEREBROVASCULAR DISEASES	62	3.6	52	4.9	114	4.1
ACCIDENTS, ALL FORMS	58	3.4	21	2.0	79	2.8
DIABETES MELLITUS	29	1.7	38	3.6	67	2.4
CHRONIC LIVER DISEASE AND CIRRHOSIS	32	1.8	19	1.8	51	1.8
SUICIDE	37	2.1	12	1.1	49	1.8
PNEUMONIA AND INFLUENZA	34	2.0	10	0.9	44	1.6
SEPTICEMIA	17	1.0	12	1.1	29	1.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	19	1.1	8	0.7	27	1.0
ALL OTHER CAUSES (RESIDUAL)	176	10.2	93	8.7	269	9.6

WEST VIRGINIA RESIDENT DEATHS 1987
Leading Causes by Age Group and Sex
Table 23 (cont'd)

LEADING CAUSES OF DEATH	SIXTY-FIVE TO SEVENTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	2,894	100.0	2,055	100.0	4,949	100.0
DISEASES OF THE HEART	1,166	40.3	799	38.9	1,965	39.7
MALIGNANT NEOPLASMS	820	28.3	590	28.7	1,410	28.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	196	6.8	104	5.1	300	6.1
CEREBROVASCULAR DISEASES	123	4.3	132	6.4	255	5.2
DIABETES MELLITUS	48	1.7	66	3.2	114	2.3
PNEUMONIA AND INFLUENZA	62	2.1	42	2.0	104	2.1
ACCIDENTS, ALL FORMS	60	2.1	32	1.6	92	1.9
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	21	0.7	31	1.5	52	1.1
SEPTICEMIA	25	0.9	25	1.2	50	1.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	31	1.1	18	0.9	49	1.0
COAL WORKER'S PNEUMOCONIOSIS	33	1.1	0	0.0	33	0.7
ALL OTHER CAUSES (RESIDUAL)	309	10.7	216	10.5	525	10.6

LEADING CAUSES OF DEATH	SEVENTY-FIVE TO EIGHTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	2,752	100.0	2,859	100.0	5,611	100.0
DISEASES OF THE HEART	1,068	38.8	1,288	45.1	2,356	42.0
MALIGNANT NEOPLASMS	572	20.8	500	17.5	1,072	19.1
CEREBROVASCULAR DISEASES	202	7.3	291	10.2	493	8.8
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	215	7.8	101	3.5	316	5.6
PNEUMONIA AND INFLUENZA	129	4.7	96	3.4	225	4.0
DIABETES MELLITUS	37	1.3	85	3.0	122	2.2
ACCIDENTS, ALL FORMS	65	2.4	44	1.5	109	1.9
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	39	1.4	36	1.3	75	1.3
ATHEROSCLEROSIS	31	1.1	30	1.0	61	1.1
SEPTICEMIA	22	0.8	26	0.9	48	0.9
COAL WORKER'S PNEUMOCONIOSIS	32	1.2	0	0.0	32	0.6
ALL OTHER CAUSES (RESIDUAL)	340	12.4	362	12.7	702	12.5

LEADING CAUSES OF DEATH	EIGHTY-FIVE AND OVER					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	1,326	100.0	2,496	100.0	3,822	100.0
DISEASES OF THE HEART	592	44.6	1,265	50.7	1,857	48.6
CEREBROVASCULAR DISEASES	113	8.5	284	11.4	397	10.4
MALIGNANT NEOPLASMS	161	12.1	226	9.1	387	10.1
PNEUMONIA AND INFLUENZA	100	7.5	133	5.3	233	6.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	62	4.7	35	1.4	97	2.5
ATHEROSCLEROSIS	22	1.7	49	2.0	71	1.9
ACCIDENTS, ALL FORMS	29	2.2	42	1.7	71	1.9
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	28	2.1	41	1.6	69	1.8
DIABETES MELLITUS	7	0.5	54	2.2	61	1.6
SEPTICEMIA	16	1.2	22	0.9	33	1.0
HYPERTENSION	8	0.6	14	0.6	22	0.6
ALL OTHER CAUSES (RESIDUAL)	188	14.2	331	13.3	519	13.6

WEST VIRGINIA RESIDENT DEATHS 1987
Diseases of the Heart
Number and Rate by Sex
Table 24

ICDA 9 CODE NUMBER	HEART DISEASE DEATHS	NUMBER AND RATE * BY SEX					
		MALE		FEMALE		TOTAL	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
390-398, 402, 404-429	TOTAL	3,866	415.3	3,814	396.0	7,680	400.2
390-398	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	19	2.0	33	3.3	52	2.7
402	HYPERTENSIVE HEART DISEASE	63	6.8	86	8.7	149	7.8
404	HYPERTENSIVE HEART DISEASE AND RENAL DISEASE	6	0.6	15	1.5	21	1.1
410-414	ISCHEMIC HEART DISEASE	2,511	269.7	2,420	244.9	4,931	257.0
415-417	DISEASES OF THE PULMONARY CIRCULATION	82	8.8	60	6.1	142	7.4
420-429	OTHER FORMS OF HEART DISEASE	1,185	127.3	1,200	121.5	2,385	124.3

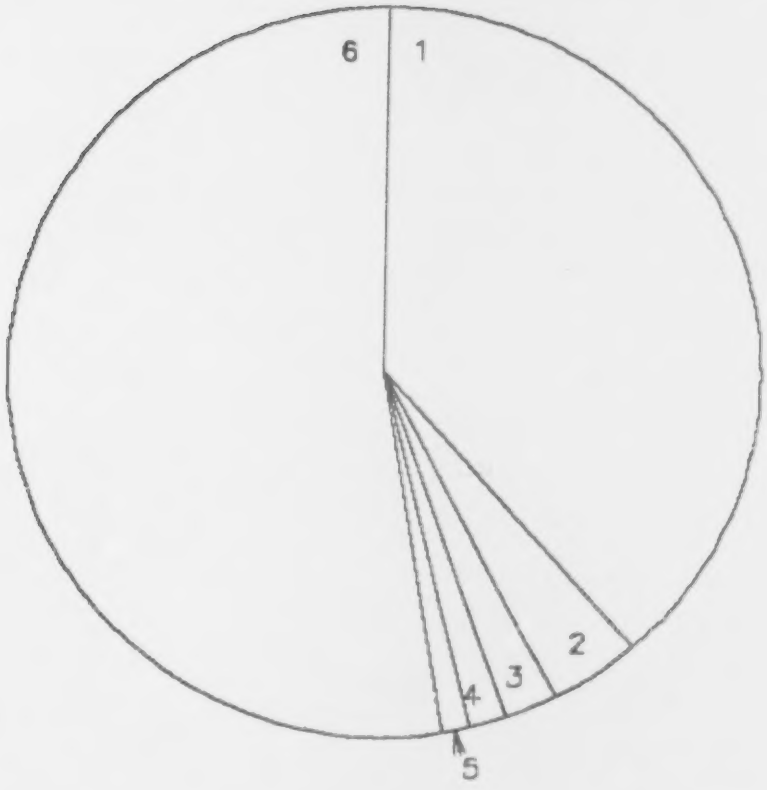
* THESE RATES ARE BASED ON A MALE POPULATION OF 931,000 AND A FEMALE POPULATION OF 988,000.
PROVISIONAL 1986 POPULATION ESTIMATES BY THE OFFICE OF APPLIED RESEARCH, EVALUATION AND PLANNING, WVU.

WEST VIRGINIA RESIDENT DEATHS 1987
Malignant Neoplasms (Cancer)
Number and Rate by Sex
Table 25

ICDA 9 CODE NUMBER	MALIGNANT NEOPLASM DEATHS	NUMBER AND RATE * BY SEX					
		MALE		FEMALE		TOTAL	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
140-208	TOTAL	2,296	246.6	1,991	201.5	4,287	223.4
140-149	-- OF LIP, ORAL CAVITY, AND PHARYNX	31	3.3	18	1.8	49	2.6
150-159	-- OF DIGESTIVE ORGANS AND PERITONEUM	491	52.7	456	46.2	947	49.3
160-165	-- OF RESPIRATORY AND INTRATHORACIC ORGANS	960	103.1	447	45.2	1,407	73.3
170-175	-- OF BONE, CONNECTIVE TISSUE, SKIN, AND BREAST	80	8.6	391	39.6	471	24.5
179-187	-- OF GENITAL ORGANS	224	24.1	199	20.1	423	22.0
188-189	-- OF URINARY ORGANS	82	8.8	67	6.8	149	7.8
190-199	-- OF OTHER AND UNSPECIFIED SITES	252	27.1	239	24.2	491	25.6
200-203	-- OF LYMPHATIC AND HEMATOPOIETIC TISSUES	101	10.8	100	10.1	201	10.5
204-208	LEUKEMIA	73	8.1	74	7.5	149	7.8

* THESE RATES ARE BASED ON A MALE POPULATION OF 931,000 AND A FEMALE POPULATION OF 988,000.
PROVISIONAL 1986 POPULATION ESTIMATES BY THE OFFICE OF APPLIED RESEARCH, EVALUATION AND PLANNING, WVU.

WEST VIRGINIA RESIDENT DEATHS 1987
Nontransport Accidental Deaths
Place of Occurrence
Exhibit 16



	PLACE OF OCCURRENCE	NUMBER
1.	Home	156
2.	Industrial Places and Premises	15
3.	Mine and Quarry	10
4.	Places for Recreation and Sports	6
5.	Farm	5
6.	Other and Unspecified	213
	TOTAL	405

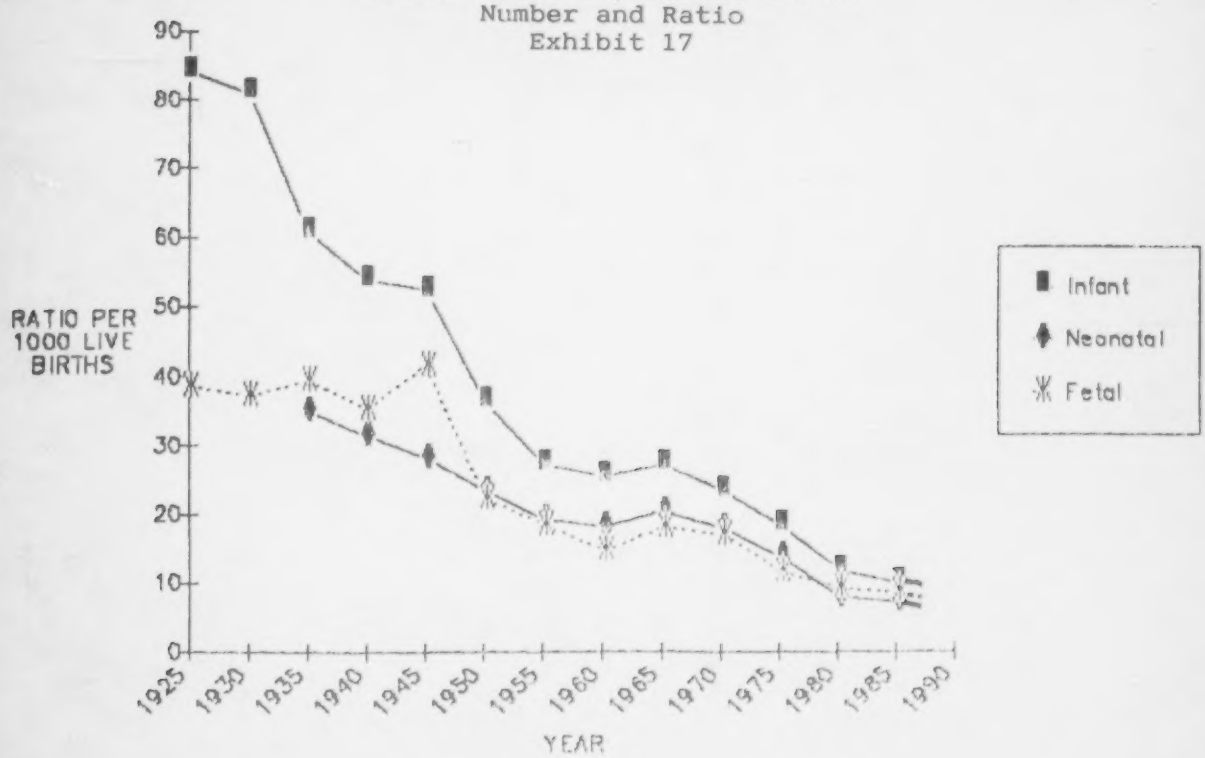
WEST VIRGINIA RESIDENT DEATHS 1987
Nontransport Accidental Deaths
Table 26

ICDA 9 NUMBER CODE	NONTRANSPORT ACCIDENTAL DEATHS	NUMBER OF DEATHS
E850-869	POISONING	28
E870-879	SURGICAL MISADVENTURES AND/OR COMPLICATIONS	23
E880-888	FALLS	115
E890-899	FIRES AND FLAMES	54
E900	EXCESSIVE HEAT	1
E901	EXCESSIVE COLD	4
E906	OTHER INJURY CAUSED BY ANIMALS	1
E910	DROWNING AND SUBMERSION	45
E911	INHALATION AND INGESTION OF FOOD CAUSING SUFFOCATION	12
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING SUFFOCATION	29
E913	MECHANICAL SUFFOCATION	7
E916	STRUCK BY FALLING OBJECT	15
E917	STRIKING AGAINST OR STRUCK BY OBJECTS OR PERSONS	2
E919	CAUSED BY MACHINERY	17
E921	CAUSED BY EXPLOSION OF PRESSURE VESSEL	1
E922	CAUSED BY FIREARM MISSILE	15
E923	CAUSED BY EXPLOSIVE MATERIAL	1
E925	CAUSED BY ELECTRIC CURRENT	11
E928	OTHER AND UNSPECIFIED CAUSES	19
E929	LATE EFFECTS OF INJURY	5
E850-929	TOTAL	405

WEST VIRGINIA RESIDENT DEATHS 1987
Home Accidental Deaths
Table 27

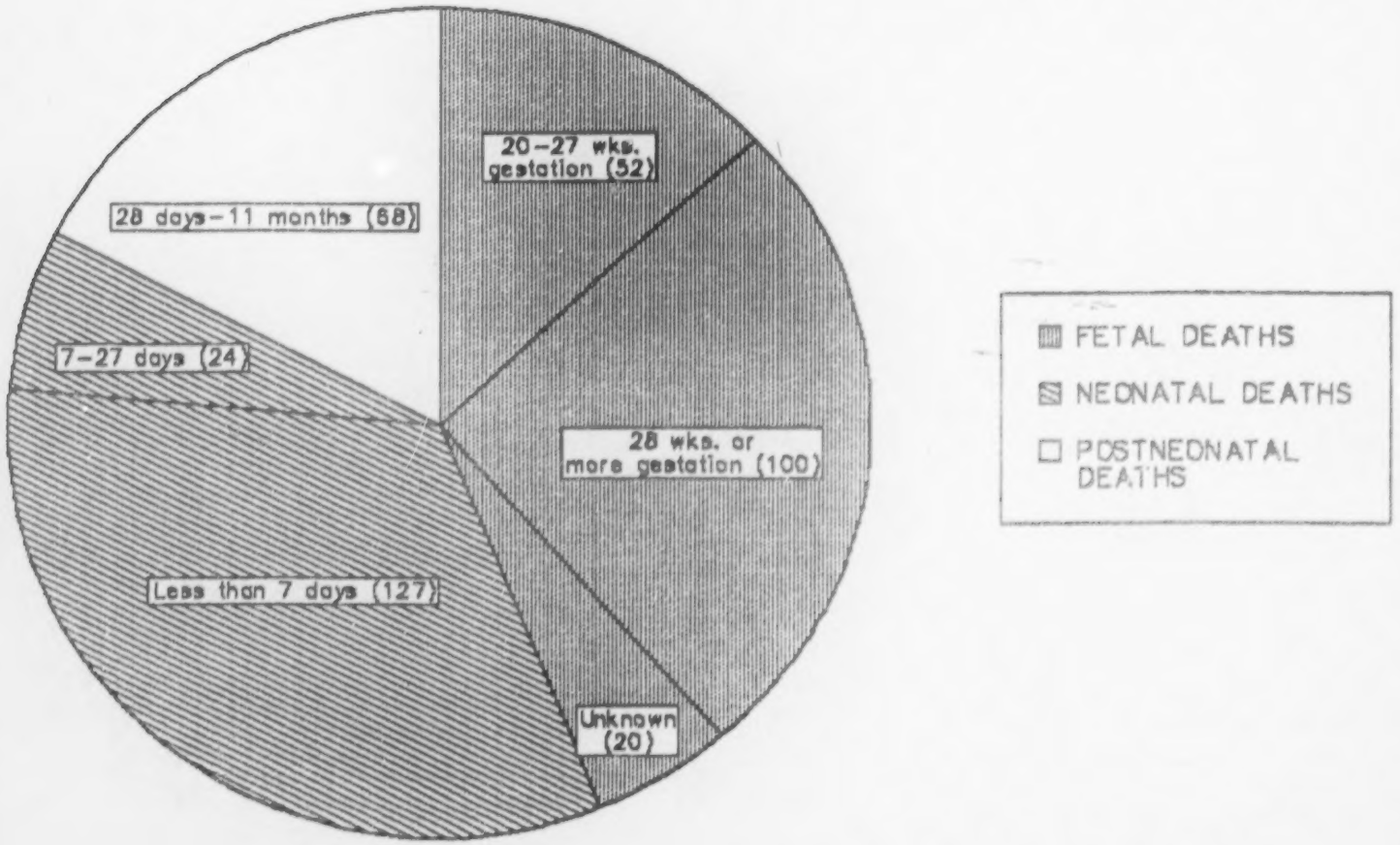
ICDA 9 NUMBER CODE	HOME ACCIDENTAL DEATHS	NUMBER OF DEATHS
E850-869	POISONING	16
E880-888	FALLS	57
E890-899	FIRES AND FLAMES	52
E900	EXCESSIVE HEAT	1
E901	EXCESSIVE COLD	3
E910	DROWNING AND SUBMERSION	5
E911	INHALATION AND INGESTION OF FOOD CAUSING SUFFOCATION	2
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING SUFFOCATION	2
E913	MECHANICAL SUFFOCATION	2
E916	STRUCK BY FALLING OBJECT	1
E922	CAUSED BY FIREARM MISSILE	1
E923	CAUSED BY EXPLOSIVE MATERIAL	1
E925	CAUSED BY ELECTRIC CURRENT	6
E929	LATE EFFECTS OF INJURY	1
E800-949	TOTAL	156

WEST VIRGINIA RESIDENT DEATHS 1925-1987
Fetal, Neonatal, Infant Deaths
Number and Ratio
Exhibit 17



YEAR OF DEATH	FETAL DEATHS		NEONATAL DEATHS		INFANT DEATHS	
	Number	Ratio per 1000 Live Births	Number	Ratio per 1000 Live Births	Number	Ratio per 1000 Live Births
1925	1,740	38.5	NA	NA	3,809	84.2
1930	1,547	37.2	NA	NA	3,370	81.0
1935	1,647	39.4	1,467	35.1	2,538	60.8
1940	1,483	35.4	1,321	31.5	2,258	53.9
1945	1,594	41.5	1,085	28.2	2,013	52.4
1950	1,126	22.1	1,184	23.3	1,849	36.4
1955	813	18.4	847	19.2	1,198	27.1
1960	583	14.7	713	18.0	1,005	25.3
1965	575	18.0	649	10.3	867	27.1
1970	513	17.0	542	17.9	705	23.3
1975	323	11.6	385	13.8	513	18.3
1978	319	11.0	296	10.2	437	15.1
1979	332	11.2	269	9.0	408	13.7
1980	275	9.3	235	8.0	347	11.8
1981	293	10.5	246	8.8	363	13.1
1982	272	10.0	197	7.2	312	11.4
1983	264	10.2	181	7.0	281	10.9
1984	221	9.0	174	7.1	269	11.0
1985	208	8.6	175	7.3	257	10.0
1986	174	7.5	153	6.6	237	10.2
1987	172	7.7	151	6.7	219	9.8

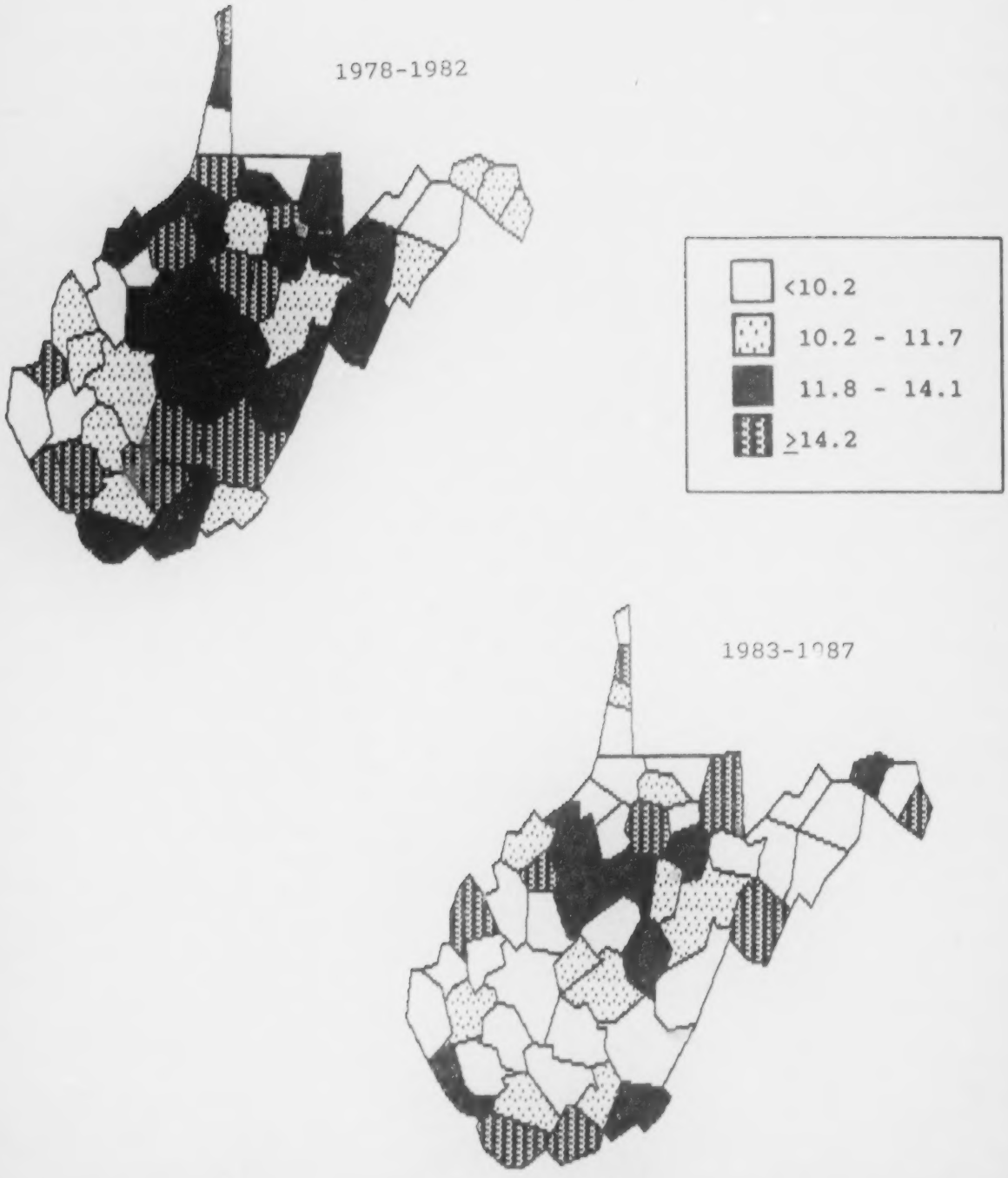
WEST VIRGINIA PERINATAL DEATHS 1987
Fetal Deaths, Neonatal Deaths, and Postneonatal Deaths
Exhibit 18



WEST VIRGINIA INFANT DEATHS 1987
Causes of Death by Age
Table 28

ICDA 9 CODE NUMBER	CAUSE OF DEATH	UNDER 1 DAY	1 TO 6 DAYS	7 TO 27 DAYS	28 DAYS TO 11 MONTHS	TOTAL
001-999	TOTAL DEATHS, ALL CAUSES	88	39	24	68	219
038	SEPTICEMIA	0	0	1	0	1
320-322	MENINGITIS	0	0	0	1	1
323-389	OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS	0	0	1	2	3
390-398, 402,404-429	DISEASE OF THE HEART	2	3	1	5	11
466,490-491	BRONCHITIS AND BRONCHIOLITIS	0	0	0	1	1
480-487	PNEUMONIA AND INFLUENZA	0	0	0	2	2
480-486	PNEUMONIA	0	0	0	2	2
553,555-558	GASTRITIS, DUODENITIS, AND NONINFECTIVE ENTERITIS COLITIS	1	0	0	0	1
740-759	CONGENITAL ANOMALIES	7	13	3	16	39
740	ANENCEPHALUS AND SIMILAR ANOMALIES	3	1	0	0	4
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	0	0	0	2	2
742.3	CONGENITAL HYDROCEPHALUS	0	0	0	2	2
745-746	CONGENITAL ANOMALIES OF HEART	0	4	0	8	12
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	0	4	2	1	7
748	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	3	0	1	2	6
754-756	CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM	1	1	0	1	3
758	CHROMOSOMAL ANOMALIES	0	3	0	0	3
744,757,759	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	0	0	0	2	2
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	75	22	11	14	122
761	NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	4	0	0	0	4
762	NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	8	1	0	0	9
763	NEWBORN AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	1	0	0	0	1
764	SLOW FETAL GROWTH AND FETAL MALNUTRITION	1	0	0	0	1
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	20	0	0	1	21
767	BIRTH TRAUMA	1	2	1	1	5
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	0	3	1	0	4
768.2-768.4	FETAL DISTRESS IN LIVEBORN INFANT	0	0	1	0	1
768.5-768.9	BIRTH ASPHYXIA	0	3	0	0	3
769	RESPIRATORY DISTRESS SYNDROME	18	4	3	0	25
770	OTHER RESPIRATORY CONDITIONS OF NEWBORN	7	3	3	8	21
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	3	2	1	3	9
772	NEONATAL HEMORRHAGE	0	2	0	0	2
773	HEMOLYTIC DISEASE OF NEWBORN, DUE TO ISOIMMUNIZATION	1	0	0	0	1
776.1-779	ALL OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN PERINATAL PERIOD	11	5	2	1	19
780-799	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	1	0	4	19	24
798.0	SUDDEN INFANT DEATH SYNDROME	0	0	3	17	20
E800-999	EXTERNAL CAUSES OF INJURY AND POISONING	2	0	0	4	6
E800-949	ACCIDENTS, ALL FORMS	0	0	0	3	3
E810-825	MOTOR VEHICLE ACCIDENTS	0	0	0	1	1
E910-915	ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION AND FOREIGN BODIES	0	0	0	2	2
E913	ACCIDENTAL MECHANICAL SUFFOCATION	0	0	0	2	2
E960-969	HOMICIDE	2	0	0	1	3
E967	CHILD BATTERING AND OTHER MALTREATMENT	0	0	0	1	1
RESIDUAL	ALL OTHER CAUSES (RESIDUAL)	0	1	3	4	8

WEST VIRGINIA INFANT DEATHS 1978-1982 AND 1983-1987
Rate by County of Residence
Exhibit 19



WEST VIRGINIA FETAL DEATHS 1983-1987
Causes of Death
Table 29

ICDA 9 CODE	CAUSE OF DEATH	1983	1984	1985	1986	1987
740-779,799.9	TOTAL FETAL DEATHS, ALL CAUSES	264	221	208	174	172
740-759	CONGENITAL ANOMALIES	21	24	17	19	11
740	Anencephalus	9	10	4	4	3
741	Spina bifida	2	0	1	1	0
742	Other anomalies of nervous system	1	1	4	1	2
758	Chromosomal anomalies	2	3	3	1	0
758.0	Down's syndrome	1	1	1	0	0
759	Other and unspecified anomalies	7	10	4	5	3
759.7	Multiple congenital anomalies	3	3	1	4	0
760-779	CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	243	197	190	155	161
760	Maternal conditions	23	6	13	7	5
760.5	Maternal injury	0	2	3	1	1
761	Maternal complications of pregnancy	18	20	11	11	13
761.1	Premature rupture of membranes	9	7	6	4	7
761.5	Multiple pregnancy	6	4	0	2	1
762	Complications of placenta, cord & membranes	80	79	83	66	76
762.1	Premature rupture of membranes	34	25	35	22	24
762.2	Unspecified abnormalities of placenta	10	14	11	10	12
762.4	Prolapsed cord	6	4	2	2	2
762.5	Other compression of umbilical cord	20	18	23	21	26
762.6	Unspecified conditions of umbilical cord	7	13	6	8	6
763	Other complications of labor and delivery	5	8	1	3	4
764	Slow fetal growth and fetal malnutrition	1	1	1	2	2
765	Short gestation and unspecified low birthweight	12	5	8	6	5
765.0	Extreme prematurity	2	1	3	2	3
765.1	Other preterm infants	10	4	5	4	2
767	Birth trauma	0	1	0	0	0
768	Intrauterine hypoxia and birth asphyxia	6	1	3	3	1
770	Other respiratory conditions	0	5	1	1	0
771	Infections specific to perinatal period	1	0	3	1	0
772	Fetal hemorrhage	0	1	1	0	1
775	Endocrine and metabolic disturbances	2	5	0	4	4
775.0	Syndrome of "infant of a diabetic mother"	2	5	0	4	3
775.1	Neonatal diabetes mellitus	0	1	0	0	0
778	Integument and temperature regulation	0	3	0	4	0
779	Other and ill-defined conditions	95	60	65	46	50
779.6	Termination of pregnancy	27	15	17	1	5
779.9	Other and unspecified causes	64	43	48	44	37
799.9	RESIDUAL - ALL OTHER CAUSES	0	1	1	0	0

WEST VIRGINIA FETAL DEATHS 1987
Number by County of Residence and Occurrence
Ratio by County of Residence
Table 30

COUNTY	RESIDENCE	RATIO*	OCCURRENCE	COUNTY	RESIDENCE	RATIO*	OCCURRENCE
BARBOUR	4	24.0	2	MONONGALIA	6	6.6	13
BERKELEY	4	4.9	3	MONROE	2	12.8	0
BOONE	3	9.7	0	MORGAN	1	8.2	0
BRAXTON	1	5.1	0	NICHOLAS	3	8.3	2
BROOKE	1	3.7	3	OHIO	10	15.2	14
CABELL	7	6.2	19	PENDLETON	0	0.0	0
CALHOUN	0	0.0	0	PLEASANTS	0	0.0	0
CLAY	2	13.1	0	POCAHONTAS	1	8.5	0
DODDRIDGE	0	0.0	0	PRESTON	2	5.6	0
FAYETTE	5	8.5	1	PUTNAM	1	1.8	0
GILMER	0	0.0	0	RALEIGH	11	12.7	14
GRANT	1	8.3	3	RANDOLPH	9	23.9	10
GREENBRIER	5	12.7	4	RITCHIE	0	0.0	0
HAMPSHIRE	2	9.3	0	ROANE	0	0.0	0
HANCOCK	2	5.3	0	SUMMERS	2	14.0	0
HARDY	2	18.0	0	TAYLOR	1	5.4	0
HARRISON	8	8.8	6	TUCKER	0	0.0	0
JACKSON	5	15.9	2	TYLER	1	9.1	0
JEFFERSON	6	11.3	6	UPSHUR	0	0.0	1
KANAWHA	15	5.5	31	WAYNE	2	4.0	0
LEWIS	1	4.8	1	WEBSTER	2	13.0	1
LINCOLN	3	10.1	0	WETZEL	3	12.3	3
LOGAN	3	5.8	6	WIRT	0	0.0	0
MCDOWELL	5	8.7	4	WOOD	6	5.3	8
MARION	3	4.3	5	WYOMING	6	17.5	0
MARSHALL	1	2.4	2				
MASON	0	0.0	1				
MERCER	7	9.0	15	TOTAL	172	7.7	182
MINERAL	5	14.8	0				
MINGO	2	4.1	2				

*FETAL DEATH RATIO = (FETAL DEATHS/LIVE BIRTHS) X 1,000 IN EACH RESPECTIVE COUNTY.

WEST VIRGINIA FETAL DEATHS 1983-1987
Number and Ratio by County of Residence
Table 31

COUNTY OF RESIDENCE	1983		1984		1985		1986		1987	
	NO.	RATIO*	NO.	RATIO*	NO.	RATIO*	NO.	RATIO*	NO.	RATIO*
BARBOUR	6	27.3	4	17.4	1	5.2	4	18.6	4	24.0
BERKLEY	3	4.3	3	4.1	5	6.6	4	5.1	4	4.9
BOONE	6	14.8	3	7.9	5	14.6	3	8.0	3	9.7
BRAXTON	2	10.1	1	6.1	1	4.7	4	22.2	1	5.1
BROOKE	7	22.0	2	6.8	4	13.6	1	4.0	1	3.7
CABELL	14	10.4	9	7.1	14	12.6	7	54.3	7	6.2
CALHOUN	2	16.7	0	0.0	1	8.0	2	15.5	0	0.0
CLAY	2	10.8	0	0.0	2	11.5	4	21.2	2	13.1
DODDRIDGE	1	8.2	0	0.0	1	12.3	0	0.0	0	0.0
FAYETTE	13	17.0	2	2.8	6	8.7	6	9.9	5	8.5
GILMER	1	7.4	1	8.3	2	19.0	2	20.6	0	0.0
GRANT	0	0.0	3	23.3	0	0.0	0	0.0	1	8.3
GREENBRIER	6	13.3	3	7.2	3	7.5	4	9.5	5	12.7
HAMPSHIRE	0	0.0	1	5.3	3	14.7	0	0.0	2	9.3
HANCOCK	8	18.6	6	14.1	5	12.0	1	2.7	2	5.3
HARDY	0	0.0	2	17.7	0	0.0	0	0.0	2	18.0
HARRISON	7	6.5	5	5.0	4	4.0	7	7.1	8	8.8
JACKSON	1	2.7	0	0.0	4	12.6	1	2.9	5	15.9
JEFFERSON	1	2.3	6	13.0	5	10.3	3	5.9	6	11.3
KANAWHA	34	11.5	32	11.5	31	11.1	23	8.5	15	5.5
LEWIS	1	4.1	4	17.8	4	16.6	3	12.9	1	4.8
LINCOLN	2	6.1	0	0.0	5	16.9	2	6.9	3	10.1
LOGAN	5	6.7	5	7.9	3	4.8	4	6.9	3	5.8
MCDOWELL	13	18.1	8	12.0	9	14.0	2	3.2	5	8.7
MARION	14	17.8	9	11.3	8	11.1	5	7.7	3	4.3
MARSHALL	3	5.9	4	7.8	3	6.3	4	8.5	1	2.4
MASON	3	8.3	2	5.6	2	5.8	1	3.5	0	0.0
MERCER	15	15.8	10	10.7	4	4.6	10	12.6	7	9.0
MINERAL	2	5.8	4	11.1	2	5.6	4	13.2	5	14.8
MINGO	7	10.5	7	11.0	3	5.2	10	18.3	2	4.1
MONONGALIA	11	11.4	11	12.2	9	9.6	4	4.5	6	6.6
MONROE	0	0.0	2	12.9	0	0.0	2	12.9	2	12.8
MORGAN	0	0.0	0	0.0	0	0.0	2	18.0	1	8.2
NICHOLAS	1	2.6	2	5.3	4	10.8	3	7.9	3	8.3
OHIO	3	4.5	10	14.3	5	7.2	3	4.5	10	15.2
PENDLETON	0	0.0	0	0.0	0	0.0	3	27.5	0	0.0
PLEASANTS	1	8.8	0	0.0	3	33.7	1	12.8	0	0.0
POCAHONTAS	1	8.5	3	24.0	2	16.4	1	10.0	1	8.5
PRESTON	2	4.2	3	6.5	2	4.7	2	5.1	2	5.6
PUTNAM	2	3.9	5	10.1	2	3.4	4	6.9	1	1.8
RALEIGH	13	11.3	11	11.1	10	9.4	4	4.4	11	12.7
RANDOLPH	4	10.6	4	9.4	3	7.5	2	5.7	9	23.9
RITCHIE	5	34.2	0	0.0	2	14.2	0	0.0	0	0.0
ROANE	1	3.9	0	0.0	1	5.1	2	10.5	0	0.0
SUMMERS	3	14.6	3	17.5	0	0.0	3	20.1	2	14.0
TAYLOR	0	0.0	0	0.0	1	4.4	2	10.4	1	5.4
TUCKER	2	16.1	1	9.6	1	9.7	0	0.0	0	0.0
TYLER	1	6.4	0	0.0	0	0.0	1	6.8	1	9.1
UPSHUR	4	11.8	4	12.3	3	8.6	1	2.9	0	0.0
WAYNE	5	8.2	1	1.9	2	3.8	3	5.7	2	4.0
WEBSTER	0	0.0	3	19.7	0	0.0	2	14.1	2	13.0
WETZEL	3	9.7	3	10.3	6	22.1	2	6.7	3	12.3
WIRT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	18	14.3	15	12.9	9	7.9	5	4.4	6	5.3
WYOMING	5	10.3	4	8.7	3	7.5	1	2.6	6	17.5
TOTAL	264	10.2	221	9.0	208	8.6	174	7.5	172	7.7

* FETAL DEATH RATIO = (FETAL DEATHS/LIVE BIRTHS) X 1,000 IN EACH RESPECTIVE COUNTY.

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes by Race and Sex
Table 32

SELECTED CAUSES OF DEATH	TOTAL	WHITE		NONWHITE	
		MALE	FEMALE	MALE	FEMALE
FETAL DEATHS	172	84	74	9	5
TOTAL DEATHS, ALL CAUSES	19,763	10,051	8,934	393	385
DEATHS UNDER 1 YEAR	219	128	75	9	7
DEATHS UNDER 28 DAYS	151	92	50	6	3
INTESTINAL INFECTIOUS DISEASES	1	0	1	0	0
TUBERCULOSIS	11	5	5	1	0
SEPTICEMIA	184	84	91	3	6
MALIGNANT NEOPLASMS	4,287	2,227	1,911	69	80
--OF DIGESTIVE ORGANS AND PERITONEUM	947	478	431	13	25
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	1,407	930	431	30	16
--OF GENITOURINARY ORGANS	572	294	255	12	11
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	53	29	17	4	3
DIABETES MELLITUS	406	141	245	3	17
NUTRITIONAL DEFICIENCIES	30	14	16	0	0
ANEMIAS	34	12	22	0	0
MAJOR CARDIOVASCULAR DISEASES	9,461	4,459	4,618	186	198
DISEASES OF THE HEART	7,680	3,713	3,666	153	148
HYPERTENSION	71	25	40	3	3
CEREBROVASCULAR DISEASES	1,325	513	749	25	38
ARTERIOSCLEROSIS	178	83	90	2	3
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	207	125	73	3	6
PNEUMONIA AND INFLUENZA	636	332	289	9	6
PNEUMOMIA	626	327	284	9	6
INFLUENZA	10	5	5	0	0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	902	564	311	20	7
BRONCHITIS, EMPHYSEMA, AND ASTHMA	215	122	90	2	1
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	138	111	21	5	1
COAL WORKER'S PNEUMOCONIOSIS	84	79	0	5	0
ULCER OF STOMACH AND DUODENUM	42	21	21	0	0
HERNIA AND INTESTINAL OBSTRUCTION	45	12	32	1	0
CHRONIC LIVER DISEASE AND CIRRHOSIS	182	114	59	9	0
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	35	16	18	0	1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	231	109	107	4	11
INFECTIONS OF KIDNEY	20	6	14	0	0
CONGENITAL ANOMALIES	77	44	29	2	2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	125	73	43	6	3
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	35	24	11	0	0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	21	11	9	1	0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	138	60	75	1	2
ACCIDENTS, ALL FORMS	944	670	247	19	8
MOTOR VEHICLE ACCIDENTS	507	367	128	10	2
HOME ACCIDENTS	154	92	57	4	1
WORK ACCIDENTS	57	56	1	0	0
SUICIDE	245	198	42	3	2
HOMICIDE	107	67	26	11	3
ALL OTHER CAUSES (RESIDUAL)	1,429	683	674	37	35

WEST VIRGINIA RESIDENT DEATHS 1987
Causes of Death: Number and Rate
Table 33

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
001-999	TOTAL DEATHS, ALL CAUSES	19,763	10.3
001-136	INFECTIOUS AND PARASITIC DISEASES	259	13.5
001-009	INTESTINAL INFECTIOUS DISEASES	1	0.1
003	OTHER SALMONELLA INFECTIONS	1	0.1
010-018	TUBERCULOSIS	11	0.6
011	PULMONARY TUBERCULOSIS	9	0.5
015	TUBERCULOSIS OF BONES AND JOINTS	1	0.1
018	MILIARY TUBERCULOSIS	1	0.1
030-041	OTHER BACTERIAL DISEASES	193	10.1
031	DISEASES DUE TO OTHER MYCOBACTERIA	1	0.1
036	MENINGOCOCCAL INFECTION	2	0.1
038	SEPTICEMIA	184	9.6
040	OTHER BACTERIAL DISEASES	2	0.1
041	BACTERIAL INFECTION IN CONDITIONS CLASSIFIED ELSEWHERE AND OF UNSPECIFIED SITE	4	0.2
042	HUMAN IMMUNODEFICIENCY VIRUS INFECTION WITH SPECIFIED CONDITIONS	21	1.1
043	HUMAN IMMUNODEFICIENCY VIRUS INFECTION CAUSING OTHER SPECIFIED CONDITIONS	1	0.1
045-049	POLIOMYELITIS AND OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES OF CENTRAL NERVOUS SYSTEM	1	0.1
046	SLOW VIRUS INFECTION OF CENTRAL NERVOUS SYSTEM	1	0.1
050-057	VIRAL DISEASES ACCOMPANIED BY EXANTHEM	2	0.1
053	HERPES ZOSTER	1	0.1
054	HERPES SIMPLEX	1	0.1
060-066	ARTHROPOD-BORNE VIRAL DISEASES	1	0.1
062	MOSQUITO-BORNE VIRAL ENCEPHALITIS	1	0.1
070-079	OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	10	0.5
070	VIRAL HEPATITIS	6	0.3
079	VIRAL INFECTION IN CONDITIONS CLASSIFIED ELSEWHERE AND OF UNSPECIFIED SITE	4	0.2
090-099	SYPHILIS AND OTHER VENEREAL DISEASES	3	0.2
090	CONGENITAL SYPHILIS	1	0.1
093	CARDIOVASCULAR SYPHILIS	1	0.1
097	OTHER AND UNSPECIFIED SYPHILIS	1	0.1
110-118	MYCOSES	9	0.5
112	CANDIDIASIS	2	0.1
117	OTHER MYCOSES	7	0.4
130-136	OTHER INFECTIOUS AND PARASITIC DISEASES	6	0.3
135	SARCOIDOSIS	1	0.1
136	OTHER AND UNSPECIFIED INFECTIOUS AND PARASITIC DISEASES	5	0.3
137-139	LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES	1	0.1
137	LATE EFFECTS OF TUBERCULOSIS	1	0.1
140-239	NEOPLASMS	4,340	226.2
140-208	MALIGNANT NEOPLASMS	4,287	223.4
140-149	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY, AND PHARYNX	49	2.6
140	MALIGNANT NEOPLASM OF LIP	1	0.1
141	MALIGNANT NEOPLASM OF TONGUE	11	0.6
142	MALIGNANT NEOPLASM OF MAJOR SALIVARY GLANDS	1	0.1
144	MALIGNANT NEOPLASM OF FLOOR OF MOUTH	3	0.2
145	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF MOUTH	6	0.3
146	MALIGNANT NEOPLASM OF OROPHARYNX	7	0.4
147	MALIGNANT NEOPLASM OF NASOPHARYNX	5	0.3
148	MALIGNANT NEOPLASM OF HYPOPHARYNX	1	0.1
149	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE LIP, ORAL CAVITY AND PHARYNX	14	0.7
150-159	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	947	49.3
150	MALIGNANT NEOPLASM OF ESOPHAGUS	53	2.8
151	MALIGNANT NEOPLASM OF STOMACH	129	6.7
152	MALIGNANT NEOPLASM OF SMALL INTESTINE, INCLUDING DUODENUM	2	0.1
153	MALIGNANT NEOPLASM OF COLON	390	20.3
154	MALIGNANT NEOPLASM OF RECTUM, RECTOSIGMOID JUNCTION, AND ANUS	76	4.0

WEST VIRGINIA RESIDENT DEATHS 1987
Causes of Death: Number and Rate
Table 33 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
155	MALIGNANT NEOPLASM OF LIVER AND INTRAHEPATIC BILE DUCTS	59	3.1
156	MALIGNANT NEOPLASM OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS	40	2.1
157	MALIGNANT NEOPLASM OF PANCREAS	184	9.6
158	MALIGNANT NEOPLASM OF RETROPERITONEUM AND PERITONEUM	3	0.2
159	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM	11	0.6
160-165	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	1,407	73.3
160	MALIGNANT NEOPLASM OF NASAL CAVITIES, MIDDLE EAR, AND ACCESSORY SINUSES	4	0.2
161	MALIGNANT NEOPLASM OF LARYNX	35	1.8
162	MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS, AND LUNG	1,363	71.0
163	MALIGNANT NEOPLASM OF PLEURA	2	0.1
164	MALIGNANT NEOPLASM OF THYMUS, HEART, AND MEDIASTINUM	3	0.2
170-175	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN, AND BREAST	471	24.5
170	MALIGNANT NEOPLASM OF BONE AND ARTICULAR CARTILAGE	5	0.3
171	MALIGNANT NEOPLASM OF CONNECTIVE AND OTHER SOFT TISSUE	30	1.6
172	MALIGNANT MELANOMA OF SKIN	50	2.6
173	OTHER MALIGNANT NEOPLASM OF SKIN	34	1.8
174	MALIGNANT NEOPLASM OF FEMALE BREAST	351	18.3
175	MALIGNANT NEOPLASM OF MALE BREAST	1	0.1
179-189	MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	572	29.8
179	MALIGNANT NEOPLASM OF UTERUS, PART UNSPECIFIED	23	1.2
180	MALIGNANT NEOPLASM OF CERVIX UTERI	51	2.7
182	MALIGNANT NEOPLASM OF BODY OF UTERUS	21	1.1
183	MALIGNANT NEOPLASM OF OVARY AND OTHER UTERINE ADNEXA	97	5.1
184	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	8	0.4
185	MALIGNANT NEOPLASM OF PROSTATE	218	11.4
186	MALIGNANT NEOPLASM OF TESTIS	3	0.2
187	MALIGNANT NEOPLASM OF PENIS AND OTHER MALE GENITAL ORGANS	2	0.1
188	MALIGNANT NEOPLASM OF BLADDER	72	3.8
189	MALIGNANT NEOPLASM OF KIDNEY AND OTHER AND UNSPECIFIED URINARY ORGANS	77	4.0
190-199	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	491	25.6
190	MALIGNANT NEOPLASM OF EYE	3	0.2
191	MALIGNANT NEOPLASM OF BRAIN	89	4.6
192	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM	3	0.2
193	MALIGNANT NEOPLASM OF THYROID GLAND	4	0.2
194	MALIGNANT NEOPLASM OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	9	0.5
195	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES	21	1.1
199	MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE	362	18.9
200-208	MALIGNANT NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUE	350	18.2
200	LYMPHOSARCOMA AND RETICULOSARCOMA	18	0.9
201	HODGKIN'S DISEASE	5	0.3
202	OTHER MALIGNANT NEOPLASM OF LYMPOID AND HISTIOCYTIC TISSUE	123	6.4
203	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	55	2.9
204	LYMPHOID LEUKEMIA	53	2.8
205	MYELOID LEUKEMIA	50	2.6
206	MONOCYTIC LEUKEMIA	4	0.2
207	OTHER SPECIFIED LEUKEMIA	3	0.2
208	LEUKEMIA OF UNSPECIFIED CELL TYPE	39	2.0
210-229, 235-239	BENIGN AND UNSPECIFIED NEOPLASMS AND NEOPLASMS OF UNCERTAIN BEHAVIOR	52	2.7
210-229	BENIGN NEOPLASMS	7	0.4
211	BENIGN NEOPLASM OF OTHER PARTS OF DIGESTIVE SYSTEM	1	0.1
216	BENIGN NEOPLASM OF SKIN	1	0.1
225	BENIGN NEOPLASM OF BRAIN AND OTHER PARTS OF NERVOUS SYSTEM	5	0.3
230-234	CARCINOMA IN SITU	1	0.1
233	CARCINOMA IN SITU OF BREAST AND GENITOURINARY SYSTEM	1	0.1

WEST VIRGINIA RESIDENT DEATHS 1987
Causes of Death: Number and Rate
Table 33 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
235-238	NEOPLASMS OF UNCERTAIN BEHAVIOR	7	0.4
235	NEOPLASM OF UNCERTAIN BEHAVIOR OF DIGESTIVE AND RESPIRATORY SYSTEMS	1	0.1
236	NEOPLASM OF UNCERTAIN BEHAVIOR OF GENITOURINARY ORGANS	1	0.1
237	NEOPLASM OF UNCERTAIN BEHAVIOR OF ENDOCRINE GLANDS AND NERVOUS SYSTEM	1	0.1
238	NEOPLASM OF UNCERTAIN BEHAVIOR OF OTHER AND UNSPECIFIED SITES AND TISSUES	4	0.2
239	NEOPLASMS OF UNSPECIFIED NATURE	38	2.0
239	NEOPLASM OF UNSPECIFIED NATURE	38	2.0
240-279	ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES AND IMMUNITY DISORDERS	555	28.9
240-246	DISORDERS OF THYROID GLAND	10	0.5
242	THYROTOXICOSIS WITH OR WITHOUT GOITER	2	0.1
244	ACQUIRED HYPOTHYROIDISM	6	0.3
246	OTHER DISORDERS OF THYROID	2	0.1
250-259	DISEASES OF OTHER ENDOCRINE GLANDS	412	21.5
250	DIABETES MELLITUS	406	21.2
251	OTHER DISORDERS OF PANCREATIC INTERNAL SECRETION	1	0.1
252	DISORDERS OF PARATHYROID GLAND	2	0.1
253	DISORDERS OF THE PITUITARY GLAND AND ITS HYPOTHALAMIC CONTROL	3	0.2
260-269	NUTRITIONAL DEFICIENCIES	30	1.6
261	NUTRITIONAL MARASMUS	3	0.2
262	OTHER SEVERE PROTEIN-CALORIE MALNUTRITION	1	0.1
263	OTHER AND UNSPECIFIED PROTEIN-CALORIE MALNUTRITION	26	1.4
270-279	OTHER METABOLIC DISORDERS AND IMMUNITY DISORDERS	103	5.4
272	DISORDERS OF LIPOID METABOLISM	3	0.2
273	DISORDERS OF PLASMA PROTEIN METABOLISM	2	0.1
275	DISORDERS OF MINERAL METABOLISM	4	0.2
276	DISORDERS OF FLUID, ELECTROLYTE, AND ACID-BASE BALANCE	65	3.4
277	OTHER AND UNSPECIFIED DISORDERS OF METABOLISM	15	0.8
278	OBESITY AND OTHER HYPERALIMENTATION	12	0.6
279	DISORDERS INVOLVING THE IMMUNE MECHANISM	2	0.1
280-289	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	81	4.2
280	IRON DEFICIENCY ANEMIAS	2	0.1
281	OTHER DEFICIENCY ANEMIAS	2	0.1
282	HEREDITARY HEMOLYTIC ANEMIAS	1	0.1
283	ACQUIRED HEMOLYTIC ANEMIAS	2	0.1
284	APLASTIC ANEMIA	5	0.3
285	OTHER AND UNSPECIFIED ANEMIAS	22	1.1
286	COAGULATION DEFECTS	12	0.6
287	PURPURA AND OTHER HEMORRHAGIC CONDITIONS	13	0.7
288	DISEASES OF WHITE BLOOD CELLS	6	0.3
289	OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	16	0.8
290-319	MENTAL DISORDERS	171	8.9
290-294	ORGANIC PSYCHOTIC CONDITIONS	40	2.1
290	SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS	36	1.9
291	ALCOHOLIC PSYCHOSES	4	0.2
295-299	OTHER PSYCHOSES	17	0.9
295	SCHIZOPHRENIC PSYCHOSES	1	0.1
296	AFFECTIVE PSYCHOSES	3	0.2
298	OTHER NONORGANIC PSYCHOSES	13	0.7
300-316	NEUROTIC DISORDERS, PERSONALITY DISORDERS, AND OTHER NONPSYCHOTIC MENTAL DISORDERS	105	5.5
300	NEUROTIC DISORDERS	1	0.1
303	ALCOHOL DEPENDENCE SYNDROME	31	1.6
304	DRUG DEPENDENCE	1	0.1
305	NONDEPENDENT ABUSE OF DRUGS	17	0.9
308	ACUTE REACTION TO STRESS	1	0.1
310	SPECIFIC NONPSYCHOTIC MENTAL DISORDERS FOLLOWING ORGANIC BRAIN DAMAGE	54	2.8

WEST VIRGINIA RESIDENT DEATHS 1987
Causes of Death: Number and Rate
Table 33 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
317-319	MENTAL RETARDATION	9	0.5
318	OTHER SPECIFIED MENTAL RETARDATION	1	0.1
319	UNSPECIFIED MENTAL RETARDATION	8	0.4
320-389	DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	267	13.9
320-326	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	9	0.5
320	BACTERIAL MENINGITIS	4	0.2
322	MENINGITIS OF UNSPECIFIED CAUSE	2	0.1
323	ENCEPHALITIS, MYELITIS, AND ENCEPHALOMYELITIS	2	0.1
324	INTRACRANIAL AND INTRASPINAL ABSCESS	1	0.1
330-337	HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	194	10.1
330	CEREBRAL DEGENERATIONS USUALLY MANIFEST IN CHILDHOOD	2	0.1
331	OTHER CEREBRAL DEGENERATIONS	98	5.1
332	PARKINSON'S DISEASE	54	2.8
333	OTHER EXTRAPYRAMIDAL DISEASE AND ABNORMAL MOVEMENT DISORDERS	3	0.2
335	ANTERIOR HORN CELL DISEASE	37	1.9
340-349	OTHER DISORDERS OF THE CENTRAL NERVOUS SYSTEM	50	2.6
340	MULTIPLE SCLEROSIS	10	0.5
342	HEMIPLEGIA	1	0.1
343	INFANTILE CEREBRAL PALSY	7	0.4
344	OTHER PARALYTIC SYNDROMES	3	0.2
345	EPILEPSY	9	0.5
348	OTHER CONDITIONS OF BRAIN	20	1.0
350-359	DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	14	0.7
356	HEREDITARY AND IDIOPATHIC PERIPHERAL NEUROPATHY	1	0.1
357	INFLAMMATORY AND TOXIC NEUROPATHY	2	0.1
358	MYONEURAL DISORDERS	4	0.2
359	MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES	7	0.4
390-459	DISEASES OF THE CIRCULATORY SYSTEM	9,508	495.5
390-448	MAJOR CARDIOVASCULAR DISEASE	9,461	493.0
390-398, 402, 404-429	DISEASES OF THE HEART	7,680	400.2
390-392	ACUTE RHEUMATIC FEVER	2	0.1
390	RHEUMATIC FEVER WITHOUT MENTION OF HEART INVOLVEMENT	1	0.1
391	RHEUMATIC FEVER WITH HEART INVOLVEMENT	1	0.1
393-398	CHRONIC RHEUMATIC HEART DISEASE	50	2.6
394	DISEASES OF MITRAL VALVE	28	1.5
396	DISEASES OF MITRAL AND AORTIC VALVES	10	0.5
397	DISEASES OF OTHER ENDOCARDIAL STRUCTURES	3	0.2
398	OTHER RHEUMATIC HEART DISEASE	9	0.5
401-405	HYPERTENSIVE DISEASE	241	12.6
401	ESSENTIAL HYPERTENSION	42	2.2
402	HYPERTENSIVE HEART DISEASE	149	7.8
403	HYPERTENSIVE RENAL DISEASE	29	1.5
404	HYPERTENSIVE HEART AND RENAL DISEASE	21	1.1
410-414	ISCHEMIC HEART DISEASE	4,931	257.0
410	ACUTE MYOCARDIAL INFARCTION	2,624	136.7
411	OTHER ACUTE AND SUBACUTE FORM OF ISCHEMIC HEART DISEASE	12	0.6
412	OLD MYOCARDIAL INFARCTION	17	0.9
413	ANGINA PECTORIS	8	0.4
414	OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	2,270	118.3
415-417	DISEASES OF PULMONARY CIRCULATION	142	7.4
415	ACUTE PULMONARY HEART DISEASE	131	6.8
416	CHRONIC PULMONARY HEART DISEASE	11	0.6
420-429	OTHER FORMS OF HEART DISEASE	2,385	124.3
420	ACUTE PERICARDITIS	2	0.1

WEST VIRGINIA RESIDENT DEATHS 1987
Causes of Death: Number and Rate
Table 33 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
421	ACUTE AND SUBACUTE ENDOCARDITIS	2	0.1
422	ACUTE MYOCARDITIS	4	0.2
423	OTHER DISEASES OF PERICARDIUM	5	0.3
424	OTHER DISEASES OF ENDOCARDIUM	102	5.3
425	CARDIOMYOPATHY	151	7.9
426	CONDUCTION DISORDERS	12	0.6
427	CARDIAC DYSRHYTHMIAS	787	41.0
428	HEART FAILURE	474	24.7
429	ILL-DEFINED DESCRIPTIONS AND COMPLICATIONS OF HEART DISEASE	846	44.1
430-438	CEREBROVASCULAR DISEASE	1,325	69.0
430	SUBARACHNOID HEMORRHAGE	73	3.8
431	INTRACEREBRAL HEMORRHAGE	144	7.5
432	OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE	16	0.8
433	OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES	5	0.3
434	OCCLUSION OF CEREBRAL ARTERIES	212	11.0
435	TRANSCIENT CEREBRAL ISCHEMIA	4	0.2
436	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	760	39.6
437	OTHER AND ILL-DEFINED CEREBROVASCULAR DISEASE	77	4.0
438	LATE EFFECTS OF CEREBROVASCULAR DISEASE	34	1.8
440-448	DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	385	20.1
440	ATHEROSCLEROSIS	178	9.3
441	AORTIC ANEURYSM	138	7.2
442	OTHER ANEURYSM	7	0.4
443	OTHER PERIPHERAL VASCULAR DISEASE	31	1.6
444	ARTERIAL EMBOLISM AND THROMBOSIS	19	1.0
446	POLYARTERITIS NODOSA AND ALLIED CONDITIONS	4	0.2
447	OTHER DISORDERS OF ARTERIES AND ARTERIOLES	8	0.4
451-459	DISEASES OF VEINS AND LYMPHATICS AND OTHER DISEASES OF CIRCULATORY SYSTEM	47	2.4
451	PHLEBITIS AND THROMBOPHLEBITIS	9	0.5
452	PORTAL VEIN THROMBOSIS	1	0.1
453	OTHER VENOUS EMBOLISM AND THROMBOSIS	3	0.2
454	VARICOSE VEINS OF LOWER EXTREMITIES	2	0.1
456	VARICOSE VEINS OF OTHER SITES	4	0.2
458	HYPOTENSION	11	0.6
459	OTHER DISORDERS OF CIRCULATORY SYSTEM	17	0.9
460-519	DISEASES OF THE RESPIRATORY SYSTEM	1,830	95.4
460-466	ACUTE RESPIRATORY INFECTIONS	12	0.6
464	ACUTE LARYNGITIS AND TRACHEITIS	1	0.1
466	ACUTE BRONCHITIS AND BRONCHIOLITIS	11	0.6
470-478	OTHER DISEASES OF UPPER RESPIRATORY TRACT	2	0.1
474	CHRONIC DISEASE OF TONSILS AND ADENOIDS	1	0.1
478	OTHER DISEASES OF UPPER RESPIRATORY TRACT	1	0.1
480-487	PNEUMONIA AND INFLUENZA	636	33.1
480	VIRAL PNEUMONIA	8	0.4
481	PNEUMOCOCCAL PNEUMONIA	10	0.5
482	OTHER BACTERIAL PNEUMONIA	22	1.1
483	PNEUMONIA DUE TO OTHER SPECIFIED ORGANISM	2	0.1
485	BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	60	3.1
486	PNEUMONIA, ORGANISM UNSPECIFIED	524	27.3
487	INFLUENZA	10	0.5
490-496	CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	902	47.0
490	BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	3	0.2
491	CHRONIC BRONCHITIS	47	2.4
492	EMPHYSEMA	142	7.4
493	ASTHMA	23	1.2
494	BRONCHIECTASIS	10	0.5

WEST VIRGINIA RESIDENT DEATHS 1987
Causes of Death: Number and Rate
Table 33 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
496	CHRONIC AIRWAYS OBSTRUCTION, NOT ELSEWHERE CLASSIFIED	677	35.3
500-508	PNEUMOCONIOSES AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	138	7.2
500	COAL WORKERS' PNEUMOCONIOSIS	84	4.4
501	ASBESTOSIS	8	0.4
502	PNEUMOCONIOSIS DUE TO OTHER SILICA OR SILICATES	3	0.2
505	PNEUMOCONIOSIS, UNSPECIFIED	2	0.1
507	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	41	2.1
510-519	OTHER DISEASES OF RESPIRATORY SYSTEM	140	7.3
510	EMPYEMA	5	0.3
511	PLEURISY	15	0.8
512	PNEUMOTHORAX	2	0.1
513	ABSCESS OF LUNG AND MEDIASTINUM	4	0.2
514	PULMONARY CONGESTION AND HYPOSTASIS	13	0.7
515	POSTINFLAMMATORY PULMONARY FIBROSIS	35	1.8
516	OTHER ALVEOLAR AND PARIETOALVEOLAR PNEUMOPATHY	3	0.2
518	OTHER DISEASES OF LUNG	57	3.0
519	OTHER DISEASES OF RESPIRATORY SYSTEM	6	0.3
520-579	DISEASES OF THE DIGESTIVE SYSTEM	620	32.3
530-537	DISEASES OF ESOPHAGUS, STOMACH, AND DUODENUM	65	3.4
530	DISEASES OF ESOPHAGUS	13	0.7
531	GASTRIC ULCER	12	0.6
532	DUODENAL ULCER	12	0.6
533	PEPTIC ULCER, SITE UNSPECIFIED	18	0.9
535	GASTRITIS AND DUODENITIS	7	0.4
537	OTHER DISORDERS OF STOMACH AND DUODENUM	3	0.2
540-543	APPENDICITIS	4	0.2
540	ACUTE APPENDICITIS	3	0.2
541	APPENDICITIS, UNQUALIFIED	1	0.1
550-553	HERNIA OF ABDOMINAL CAVITY	14	0.7
550	INGUINAL HERNIA	3	0.2
551	OTHER HERNIA OF ABDOMINAL CAVITY, WITH GANGRENE	2	0.1
552	OTHER HERNIA OF ABDOMINAL CAVITY WITH OBSTRUCTION, WITHOUT MENTION OF GANGRENE	8	0.4
553	OTHER HERNIA OF ABDOMINAL CAVITY WITHOUT MENTION OF OBSTRUCTION OR GANGRENE	1	0.1
555-558	NONINFECTIOUS ENTERITIS AND COLITIS	63	3.3
556	IDIOPATHIC PROCTOCOLITIS	1	0.1
557	VASCULAR INSUFFICIENCY OF INTESTINE	56	2.9
558	OTHER NONINFECTIVE GASTROENTERITIS AND COLITIS	6	0.3
560-569	OTHER DISEASES OF INTESTINES AND PERITONEUM	85	4.4
560	INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	31	1.6
562	DIVERTICULA OF INTESTINE	19	1.0
564	FUNCTIONAL DIGESTIVE DISORDERS, NOT ELSEWHERE CLASSIFIED	3	0.2
566	ABCESS OF ANAL AND RECTAL REGIONS	1	0.1
567	PERITONITIS	13	0.7
568	OTHER DISORDERS OF PERITONEUM	1	0.1
569	OTHER DISORDERS OF INTESTINE	17	0.9
570-579	OTHER DISEASES OF DIGESTIVE SYSTEM	389	20.3
570	ACUTE AND SUBACUTE NECROSIS OF LIVER	2	0.1
571	CHRONIC LIVER DISEASE AND CIRRHOSIS	182	9.5
572	LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE	40	2.1
573	OTHER DISORDERS OF LIVER	10	0.5
574	CHOLELITHIASIS	9	0.5
575	OTHER DISORDERS OF GALLBLADDER	26	1.4
576	OTHER DISORDERS OF BILIARY TRACT	13	0.7
577	DISEASES OF PANCREAS	35	1.8
578	GASTROINTESTINAL HEMORRHAGE	72	3.8

WEST VIRGINIA RESIDENT DEATHS 1987
Causes of Death: Number and Rate
Table 33 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
580-589	NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	231	12.0
581	NEPHROTIC SYNDROME	2	0.1
582	CHRONIC GLOMERULONEPHRITIS	2	0.1
584	ACUTE RENAL FAILURE	46	2.4
585	CHRONIC RENAL FAILURE	32	1.7
586	RENAL FAILURE, UNSPECIFIED	148	7.7
587	RENAL SCLEROSIS, UNSPECIFIED	1	0.1
590-599	OTHER DISEASES OF URINARY SYSTEM	166	8.7
590	INFECTIONS OF KIDNEY	20	1.0
592	CALCULUS OF KIDNEY AND URETER	1	0.1
593	OTHER DISORDERS OF KIDNEY AND URETER	38	2.0
596	OTHER DISORDERS OF BLADDER	1	0.1
599	OTHER DISORDERS OF URETHRA AND URINARY TRACT	106	5.5
600-608	DISEASES OF MALE GENITAL ORGANS	8	0.4
600	HYPERPLASIA OF PROSTATE	1	0.1
601	INFLAMMATORY DISEASES OF PROSTATE	2	0.1
602	OTHER DISORDERS OF PROSTATE	5	0.3
614-616	INFLAMMATORY DISEASE OF FEMALE PELVIC ORGANS	1	0.1
614	INFLAMMATORY DISEASE OF OVARY, FALLOPIAN TUBE, PELVIC CELLULAR TISSUE, AND PERITONEUM	1	0.1
617-629	OTHER DISORDERS OF FEMALE GENITAL TRACT	1	0.1
618	GENITAL PROLAPSE	1	0.1
630-676*	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	1	4.5
640-648	COMPLICATIONS MAINLY RELATED TO PREGNANCY	1	0.1
641	ANTEPARTUM HEMORRHAGE, ABRUPTIO PLACENTAE, AND PLACENTA PRAVIA	1	0.1
680-709	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	29	1.5
680-686	INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	3	0.2
682	OTHER CELLULITIS AND ABSCESS	1	0.1
686	OTHER LOCAL INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	2	0.1
690-698	OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE	2	0.1
694	BULLOUS DERMATOSES	1	0.1
695	ERYTHEMATOUS CONDITIONS	1	0.1
700-709	OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	24	1.3
707	CHRONIC ULCER OF SKIN	23	1.2
709	OTHER DISORDERS OF SKIN AND SUBCUTANEOUS TISSUE	1	0.1
710-719	ARTHROPATHIES AND RELATED DISORDERS	28	1.5
710	DIFFUSE DISEASES OF CONNECTIVE TISSUE	15	0.8
714	RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHROPATHIES	10	0.5
715	OSTEOARTHROSIS AND ALLIED DISORDERS	1	0.1
716	OTHER AND UNSPECIFIED ARTHROPATHIES	1	0.1
719	OTHER AND UNSPECIFIED DISORDER OF JOINT	1	0.1
720-724	DORSOPATHIES	2	0.1
720	ANKYLOSING SPONDYLITIS AND OTHER INFLAMMATORY SPONDYLOPATHIES	1	0.1
721	SPONDYLOSIS AND ALLIED DISORDERS	1	0.1
725-729	RHEUMATISM, EXCLUDING THE BACK	4	0.2
728	DISORDERS OF MUSCLE, LIGAMENT, AND FASCIA	3	0.2
729	OTHER DISORDERS OF SOFT TISSUES	1	0.1
730-739	OSTEOPATHIES, CHONDROPATHIES, AND ACQUIRED MUSCULOSKELETAL DEFORMITIES	9	0.5
730	OSTEOMYELITIS, PERIOSTITIS, AND OTHER INFECTIONS INVOLVING BONE	1	0.1
731	OSTEITIS DEFORMANS AND OSTEOPATHIES ASSOCIATED WITH OTHER DISORDERS CLASSIFIED ELSEWHERE	1	0.1
733	OTHER DISORDERS OF BONE AND CARTILAGE	5	0.3
737	CURVATURE OF SPINE	2	0.1
740-759	CONGENITAL ANOMALIES	77	4.0
740-759	CONGENITAL ANOMALIES	77	4.0
740	ANENCEPHALUS AND SIMILAR ANOMALIES	4	0.2
741	SPINA BIFIDA	1	0.1

* MATERNAL DEATH RATES ARE PER 100,000 LIVE BIRTHS.

WEST VIRGINIA RESIDENT DEATHS 1987
Causes of Death: Number and Rate
Table 33 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	9	0.5
745	BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	7	0.4
746	OTHER CONGENITAL ANOMALIES OF HEART	20	1.0
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	11	0.6
748	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	6	0.3
752	CONGENITAL ANOMALIES OF GENITAL ORGANS	1	0.1
753	CONGENITAL ANOMALIES OF URINARY SYSTEM	3	0.2
756	OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES	4	0.2
757	CONGENITAL ANOMALIES OF THE INTEGUMENT	1	0.1
758	CHROMOSOMAL ANOMALIES	5	0.3
759	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	5	0.3
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	125	6.5
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	125	6.5
761	FETUS OR NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	4	0.2
762	FETUS OR NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	9	0.5
763	FETUS OR NEWBORN AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	1	0.1
764	SLOW FETAL GROWTH AND FETAL MALNUTRITION	1	0.1
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	21	1.1
767	BIRTH TRAUMA	5	0.3
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	5	0.3
769	RESPIRATORY DISTRESS SYNDROME	25	1.3
770	OTHER RESPIRATORY CONDITIONS OF FETUS AND NEWBORN	23	1.2
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	9	0.5
772	FETAL AND NEONATAL HEMORRHAGE	2	0.1
773	HEMOLYTIC DISEASE OF FETUS OR NEWBORN, DUE TO ISOIMMUNIZATION	1	0.1
776	HEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN	1	0.1
777	PERINATAL DISORDERS OF DIGESTIVE SYSTEM	2	0.1
778	CONDITIONS INVOLVING THE INTEGUMENT AND TEMPERATURE REGULATION OF FETUS AND NEWBORN	2	0.1
779	OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	14	0.7
780-799	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	138	7.2
780-789	SYMPTOMS	14	0.7
780	GENERAL SYMPTOMS	3	0.2
783	SYMPTOMS CONCERNING NUTRITION, METABOLISM AND DEVELOPMENT	1	0.1
785	SYMPTOMS INVOLVING CARDIOVASCULAR SYSTEM	8	0.4
786	SYMPTOMS INVOLVING RESPIRATORY SYSTEM AND OTHER CHEST SYMPTOMS	1	0.1
789	OTHER SYMPTOMS INVOLVING ABDOMEN AND PELVIS	1	0.1
797-799	ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	124	6.5
797	SENILITY WITHOUT MENTION OF PSYCHOSIS	10	0.5
798	SUDDEN DEATH, CAUSE UNKNOWN	34	1.8
799	OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	80	4.2
E800-999*	EXTERNAL CAUSES OF INJURY AND POISONING	1,311	68.3
E800-949	ACCIDENTS, ALL FORMS	944	49.2
E800-807	RAILWAY ACCIDENTS	8	0.4
E805	HIT BY ROLLING STOCK	8	0.4
E810-825	MOTOR VEHICLE ACCIDENTS	507	26.4
E810-819	MOTOR VEHICLE TRAFFIC ACCIDENTS	490	25.5
E810	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH TRAIN	3	0.2
E812	OTHER MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH ANOTHER MOTOR VEHICLE	146	7.6
E813	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH OTHER VEHICLE	2	0.1
E814	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH PEDESTRIAN	60	3.1
E815	OTHER MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION ON THE HIGHWAY	52	2.7
E816	MOTOR VEHICLE TRAFFIC ACCIDENT DUE TO LOSS OF CONTROL, WITHOUT COLLISION ON THE HIGHWAY	74	3.9
E818	OTHER NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT	18	0.9
E819	MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE	135	7.0

* CAUSES 800 THROUGH 999 HAVE BEEN CODED USING E (EXTERNAL) ICDA 9 CODES.

WEST VIRGINIA RESIDENT DEATHS 1987
Causes of Death: Number and Rate
Table 33 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
E820-825	MOTOR VEHICLE NONTRAFFIC ACCIDENTS	17	0.9
E821	NONTRAFFIC ACCIDENT INVOLVING OTHER OFF-ROAD MOTOR VEHICLE	5	0.3
E822	OTHER MOTOR VEHICLE NONTRAFFIC ACCIDENT INVOLVING COLLISION WITH MOVING OBJECT	4	0.2
E823	OTHER MOTOR VEHICLE NONTRAFFIC ACCIDENT INVOLVING COLLISION WITH STATIONARY OBJECT	2	0.1
E825	OTHER MOTOR VEHICLE NONTRAFFIC ACCIDENT OF OTHER AND UNSPECIFIED NATURE	6	0.3
E826-829	OTHER ROAD VEHICLE ACCIDENTS	2	0.1
E826	PEDAL CYCLE ACCIDENT	1	0.1
E828	ACCIDENT INVOLVING ANIMAL BEING RIDDEN	1	0.1
E830-838	WATER TRANSPORT ACCIDENTS	10	0.5
E830	ACCIDENT TO WATERCRAFT CAUSING SUBMERSION	5	0.3
E831	ACCIDENT TO WATERCRAFT CAUSING OTHER INJURY	1	0.1
E832	OTHER ACCIDENTAL SUBMERSION OR DROWNING IN WATER TRANSPORT ACCIDENT	4	0.2
E840-845	AIR AND SPACE TRANSPORT ACCIDENTS	9	0.5
E841	ACCIDENT TO POWERED AIRCRAFT, OTHER AND UNSPECIFIED	9	0.5
E846-848	VEHICLE ACCIDENTS NOT ELSEWHERE CLASSIFIABLE	2	0.1
E846	ACCIDENTS INVOLVING POWERED VEHICLES USED SOLELY WITHIN THE BUILDINGS AND PREMISES OF AN INDUSTRIAL OR COMMERCIAL ESTABLISHMENT	2	0.1
E850-949	NONMOTOR VEHICLE ACCIDENTS	406	21.2
E850-858	ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS, AND BIOLOGICALS	21	1.1
E850	ACCIDENTAL POISONING BY ANALGESICS, ANTIPYRETICS, ANTIRHEUMATICS	5	0.3
E853	ACCIDENTAL POISONING BY TRANQUILIZERS	1	0.1
E855	ACCIDENTAL POISONING BY OTHER DRUGS ACTING ON CENTRAL AND AUTONOMIC NERVOUS SYSTEMS	3	0.2
E858	ACCIDENTAL POISONING BY OTHER DRUGS	12	0.6
E860-869	ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES, AND VAPORS	7	0.4
E862	ACCIDENTAL POISONING BY PETROLEUM PRODUCTS, OTHER SOLVENTS AND THEIR VAPORS, NOT ELSEWHERE CLASSIFIED	1	0.1
E867	ACCIDENTAL POISONING BY GAS DISTRIBUTED BY PIPELINE	1	0.1
E868	ACCIDENTAL POISONING BY OTHER UTILITY GAS AND OTHER CARBON MONOXIDE	4	0.2
E869	ACCIDENTAL POISONING BY OTHER GASES AND VAPORS	1	0.1
E870-876	MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	3	0.2
E870	ACCIDENTAL CUT, PUNCTURE, PERFORATION OR HEMORRHAGE DURING MEDICAL CARE	2	0.1
E876	OTHER AND UNSPECIFIED MISADVENTURES DURING MEDICAL CARE	1	0.1
E878-879	SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE	20	1.0
E878	SURGICAL OPERATION AND OTHER SURGICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT, OR OF LATER COMPLICATION, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF OPERATION	13	0.7
E879	OTHER PROCEDURES, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE, AS THE CAUSE OF ABNORMAL REACTION OF PATIENT, OR OF LATER COMPLICATION	7	0.4
E880-888	ACCIDENTAL FALLS	115	6.0
E880	FALL ON OR FROM STAIRS OR STEPS	10	0.5
E881	FALL ON OR FROM LADDERS OR SCAFFOLDING	1	0.1
E882	FALL FROM OR OUT OF BUILDING OR OTHER STRUCTURE	6	0.3
E883	FALL INTO HOLE OR OTHER OPENING IN SURFACE	1	0.1
E884	OTHER FALL FROM ONE LEVEL TO ANOTHER	6	0.3
E885	FALL ON SAME LEVEL FROM SLIPPING, TRIPPING, OR STUMBLING	1	0.1
E887	FRACTURE, CAUSE UNSPECIFIED	23	1.2
E888	OTHER AND UNSPECIFIED FALL	67	3.5
E890-899	ACCIDENTS CAUSED BY FIRE AND FLAMES	54	2.8
E890	CONFLAGRATION IN PRIVATE DWELLING	44	2.3
E893	ACCIDENT CAUSED BY IGNITION OF CLOTHING	9	0.5
E895	ACCIDENT CAUSED BY CONTROLLED FIRE IN PRIVATE DWELLING	1	0.1
E900-909	ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	6	0.3
E900	EXCESSIVE HEAT	1	0.1
E901	EXCESSIVE COLD	4	0.2
E906	OTHER INJURY CAUSED BY ANIMALS	1	0.1

WEST VIRGINIA RESIDENT DEATHS 1987
Causes of Death: Number and Rate
Table 33 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
E910-915	ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION, AND FOREIGN BODIES	93	4.8
E910	ACCIDENTAL DROWNING AND SUBMERSION	45	2.3
E911	INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	12	0.6
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	29	1.5
E913	ACCIDENTAL MECHANICAL SUFFOCATION	7	0.4
E916-928	OTHER ACCIDENTS	81	4.2
E916	STRUCK ACCIDENTALLY BY FALLING OBJECT	15	0.8
E917	STRIKING AGAINST OR STRUCK ACCIDENTALLY BY OBJECTS OR PERSONS	2	0.1
E919	ACCIDENTS CAUSED BY MACHINERY	17	0.9
E921	ACCIDENT CAUSED BY EXPLOSION OF PRESSURE VESSEL	1	0.1
E922	ACCIDENT CAUSED BY FIREARM MISSILE	15	0.8
E923	ACCIDENT CAUSED BY EXPLOSIVE MATERIAL	1	0.1
E925	ACCIDENT CAUSED BY ELECTRIC CURRENT	11	0.6
E928	OTHER AND UNSPECIFIED ENVIRONMENTAL AND ACCIDENTAL CAUSES	19	1.0
E929	LATE EFFECTS OF ACCIDENTAL INJURY	5	0.3
E929	LATE EFFECTS OF ACCIDENTAL INJURY	5	0.3
E930-949	DRUGS, MEDICAMENTS, AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	1	0.1
E947	OTHER AND UNSPECIFIED DRUGS AND MEDICAMENTS	1	0.1
E950-959	SUICIDE AND SELF-INFLICTED INJURY	245	12.8
E950	SUICIDE AND SELF-INFLICTED POISONING BY SOLID OR LIQUID SUBSTANCES	18	0.9
E952	SUICIDE AND SELF-INFLICTED POISONING BY OTHER GASES AND VAPORS	10	0.5
E953	SUICIDE AND SELF-INFLICTED INJURY BY HANGING, STRANGULATION, AND SUFFOCATION	12	0.6
E954	SUICIDE AND SELF-INFLICTED INJURY BY SUBMERSION (DROWNING)	3	0.2
E955	SUICIDE AND SELF-INFLICTED INJURY BY FIREARMS AND EXPLOSIVES	194	10.1
E956	SUICIDE AND SELF-INFLICTED INJURY BY CUTTING AND PIERCING INSTRUMENTS	2	0.1
E957	SUICIDE AND SELF-INFLICTED INJURIES BY JUMPING FROM HIGH PLACE	2	0.1
E958	SUICIDE AND SELF-INFLICTED INJURY BY OTHER AND UNSPECIFIED MEANS	4	0.2
E960-969	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	107	5.6
E960	FIGHT, BRAWL, RAPE	1	0.1
E963	ASSAULT BY HANGING AND STRANGULATION	5	0.3
E964	ASSAULT BY SUBMERSION (DROWNING)	1	0.1
E965	ASSAULT BY FIREARMS AND EXPLOSIVES	77	4.0
E966	ASSAULT BY CUTTING AND PIERCING INSTRUMENTS	12	0.6
E967	CHILD BATTERING AND OTHER MALTREATMENT	3	0.2
E968	ASSAULT BY OTHER AND UNSPECIFIED MEANS	7	0.4
E969	LATE EFFECTS OF INJURY PURPOSELY INFLICTED BY OTHER PERSON	1	0.1
E970-978	LEGAL INTERVENTION	1	0.1
E970	INJURY DUE TO LEGAL INTERVENTION BY FIREARMS	1	0.1
E980-989	INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	14	0.7
E980	POISONING BY SOLID OR LIQUID SUBSTANCES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	6	0.3
E983	HANGING, STRANGULATION, OR SUFFOCATION, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	2	0.1
E984	SUBMERSION (DROWNING), UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	2	0.1
E985	INJURY BY FIREARMS AND EXPLOSIVES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	3	0.2
E987	FALLING FROM HIGH PLACE, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	1	0.1

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by Region
Table 34

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY REGION											
	REGION 1		REGION 2		REGION 3		REGION 4		REGION 5		REGION 6	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	33	11.5	17	5.2	21	5.6	16	9.9	12	5.7	20	6.4
TOTAL DEATHS, ALL CAUSES	2,648	10.1	2,889	10.2	3,054	9.9	1,540	10.7	1,786	10.1	2,780	10.2
DEATHS UNDER 1 YEAR	23	8.0	31	9.6	29	7.8	12	7.4	25	12.0	36	11.5
DEATHS UNDER 28 DAYS	13	4.5	21	6.5	22	5.9	11	6.8	17	8.1	24	7.7
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	2	0.8	2	0.7	1	0.3	0	0.0	1	0.6	3	1.1
SEPTICEMIA	19	7.3	29	10.3	38	12.3	7	4.9	11	6.2	30	11.1
MALIGNANT NEOPLASMS	548	209.4	654	231.4	740	240.5	319	222.0	386	218.2	570	210.0
--OF DIGESTIVE ORGANS AND PERITONEUM	118	45.1	138	48.8	149	48.4	60	41.8	93	52.6	137	50.5
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	181	69.2	239	84.6	284	92.3	109	75.9	118	66.7	162	59.7
--OF GENITOURINARY ORGANS	71	27.1	86	30.4	101	32.8	39	27.1	49	27.7	82	30.2
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	5	1.9	4	1.4	7	2.3	5	3.5	4	2.3	12	4.4
DIABETES MELLITUS	54	20.6	62	21.9	59	19.2	23	16.0	43	24.3	61	22.5
NUTRITIONAL DEFICIENCIES	4	1.5	4	1.4	3	1.0	6	4.2	3	1.7	4	1.5
ANEMIAS	3	1.1	3	1.1	2	0.6	6	4.2	5	2.8	6	2.2
MAJOR CARDIOVASCULAR DISEASES	1,217	465.0	1,373	485.8	1,495	456.6	725	504.5	876	495.2	1,369	504.4
DISEASES OF THE HEART	1,000	382.1	1,109	392.4	1,169	379.9	596	414.8	697	394.0	1,072	395.0
HYPERTENSION	14	5.3	12	4.2	12	3.9	3	2.1	7	4.0	14	5.2
CEREBROVASCULAR DISEASES	174	66.5	207	73.2	169	54.9	102	71.0	133	75.2	189	69.6
ARTERIOSCLEROSIS	11	4.2	23	8.1	20	6.5	8	5.6	22	12.4	54	19.9
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	18	6.9	22	7.8	35	11.4	16	11.1	17	9.6	40	14.7
PNEUMONIA AND INFLUENZA	86	32.9	85	30.1	92	29.9	62	43.1	66	37.3	79	29.1
PNEUMONIA	84	32.1	83	29.4	90	29.2	62	43.1	65	36.7	78	28.7
INFLUENZA	2	0.8	2	0.7	2	0.6	0	0.0	1	0.6	1	0.4
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	138	52.7	145	51.3	143	46.5	70	48.7	73	41.3	122	45.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	23	8.8	45	15.9	31	10.1	19	13.2	14	7.9	33	12.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	54	20.6	14	5.0	13	4.2	21	14.6	4	2.3	13	4.8
COAL WORKER'S PNEUMOCONIOSIS	50	19.1	8	2.8	4	1.3	13	9.0	0	0.0	7	2.6
ULCER OF STOMACH AND DUODENUM	10	3.8	4	1.4	5	1.6	2	1.4	2	1.1	7	2.6
HERNIA AND INTESTINAL OBSTRUCTION	2	0.8	6	2.1	5	1.6	2	1.4	4	2.3	15	5.5
CHRONIC LIVER DISEASE AND CIRRHOSIS	21	8.0	23	8.1	31	10.1	15	10.4	13	7.3	18	6.6
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	5	1.9	6	2.1	7	2.3	2	1.4	4	2.3	4	1.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	34	13.0	29	10.3	35	11.4	12	8.4	23	13.0	43	15.8
INFECTIONS OF KIDNEY	0	0.0	3	1.1	4	1.3	3	2.1	3	1.7	3	1.1
CONGENITAL ANOMALIES	12	4.6	10	3.5	11	3.6	8	5.6	4	2.3	11	4.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	6	2.3	18	6.4	16	5.2	7	4.9	17	9.6	20	7.4
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	2	0.8	8	2.8	4	1.3	1	0.7	5	2.8	6	2.2
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	0.4	2	0.7	3	1.0	0	0.0	4	2.3	2	0.7
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	13	5.0	25	8.8	16	5.2	9	6.3	30	17.0	14	5.2
ACCIDENTS, ALL FORMS	150	57.3	153	54.1	131	42.6	102	71.0	71	40.1	107	39.4
MOTOR VEHICLE ACCIDENTS	76	29.0	73	25.8	70	22.7	55	38.3	42	23.7	60	22.1
HOME ACCIDENTS	31	11.8	29	10.3	20	6.5	20	13.9	9	5.1	15	5.5
WORK ACCIDENTS	9	3.4	9	3.2	9	2.9	7	4.9	1	0.6	9	3.3
SUICIDE	43	16.4	28	9.9	40	13.0	15	10.4	18	10.2	33	12.2
HOMICIDE	25	9.6	22	7.8	15	4.9	5	3.5	12	6.8	9	3.3
ALL OTHER CAUSES (RESIDUAL)	197	75.3	187	66.2	235	76.4	114	79.3	113	63.9	227	83.6

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by Region
Table 34 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY REGION											
	REGION 7		REGION 8		REGION 9		REGION 10		REGION 11		TOTAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	15	10.7	10	11.1	11	7.5	14	10.6	3	4.7	172	7.7
TOTAL DEATHS, ALL CAUSES	1,341	11.2	758	10.6	895	9.4	1,393	11.7	679	9.8	19,763	10.3
DEATHS UNDER 1 YEAR	20	14.2	7	7.8	14	9.5	16	12.1	6	9.3	219	9.8
DEATHS UNDER 28 DAYS	14	9.9	4	4.5	6	4.1	13	9.8	6	9.3	151	6.7
INTESTINAL INFECTIOUS DISEASES	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	2	1.7	0	0.0	11	0.6
SEPTICEMIA	14	11.7	7	9.8	10	10.5	12	10.1	7	10.1	184	9.6
MALIGNANT NEOPLASMS	272	226.9	130	181.8	207	217.0	322	270.8	139	201.2	4,287	223.4
--OF DIGESTIVE ORGANS AND PERITONEUM	70	58.4	28	39.2	48	50.3	78	65.6	28	40.5	947	49.3
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	76	63.4	40	55.9	62	65.0	92	77.4	44	63.7	1,407	73.3
--OF GENITOURINARY ORGANS	31	25.9	20	28.0	31	32.5	47	39.5	15	21.7	572	29.8
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	2	1.7	0	0.0	3	3.1	7	5.9	4	5.8	53	2.8
DIABETES MELLITUS	33	27.5	12	16.8	17	17.8	32	26.9	10	14.5	406	21.2
NUTRITIONAL DEFICIENCIES	1	0.8	2	2.8	1	1.0	2	1.7	0	0.0	30	1.6
ANEMIAS	1	0.8	1	1.4	2	2.1	5	4.2	0	0.0	34	1.8
MAJOR CARDIOVASCULAR DISEASES	647	539.6	409	572.0	405	424.5	698	587.0	337	487.7	9,461	493.0
DISEASES OF THE HEART	521	434.5	340	475.5	341	357.4	557	468.5	278	402.3	7,680	400.2
HYPERTENSION	3	2.5	2	2.8	1	1.0	3	2.5	0	0.0	71	3.7
CEREBROVASCULAR DISEASES	96	80.1	52	72.7	51	53.5	105	88.3	47	68.0	1,325	69.0
ARTERIOSCLEROSIS	14	11.7	9	12.6	1	1.0	13	10.9	3	4.3	178	9.3
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	13	10.8	6	8.4	11	11.5	20	16.8	9	13.0	207	10.8
PNEUMONIA AND INFLUENZA	38	31.7	21	29.4	35	36.7	51	42.9	21	30.4	636	33.1
PNEUMOMIA	37	30.9	21	29.4	34	35.6	51	42.9	21	30.4	626	32.6
INFLUENZA	1	0.8	0	0.0	1	1.0	0	0.0	0	0.0	10	0.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	62	51.7	30	42.0	29	30.4	54	45.4	36	52.1	902	47.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	18	15.0	5	7.0	4	4.2	10	8.4	13	18.8	215	11.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	6	5.0	5	7.0	4	4.2	4	3.4	0	0.0	138	7.2
COAL WORKER'S PNEUMOCONIOSIS	2	1.7	0	0.0	0	0.0	0	0.0	0	0.0	84	4.4
ULCER OF STOMACH AND DUODENUM	5	4.2	1	1.4	3	3.1	2	1.7	1	1.4	42	2.2
HERNIA AND INTESTINAL OBSTRUCTION	3	2.5	1	1.4	2	2.1	5	4.2	0	0.0	45	2.3
CHRONIC LIVER DISEASE AND CIRRHOSIS	10	8.3	8	11.2	17	17.8	12	10.1	14	20.3	182	9.5
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	3	2.5	0	0.0	0	0.0	2	1.7	2	2.9	35	1.8
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	9	7.5	10	14.0	8	8.4	16	13.5	12	17.4	231	12.0
INFECTIONS OF KIDNEY	2	1.7	0	0.0	1	1.0	1	0.8	0	0.0	20	1.0
CONGENITAL ANOMALIES	7	5.8	3	4.2	5	5.2	3	2.5	3	4.3	77	4.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	11	9.2	3	4.2	8	8.4	14	11.8	5	7.2	125	6.5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	2	1.7	1	1.4	4	4.2	1	0.8	1	1.4	35	1.8
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	4	3.3	0	0.0	1	1.0	4	3.4	0	0.0	21	1.1
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	12	10.0	3	4.2	12	12.6	2	1.7	2	2.9	138	7.2
ACCIDENTS, ALL FORMS	71	59.2	46	64.3	53	55.6	37	31.1	23	33.3	944	49.2
MOTOR VEHICLE ACCIDENTS	37	30.9	37	51.7	29	30.4	17	14.3	11	15.9	507	26.4
HOME ACCIDENTS	8	6.7	4	5.6	6	6.3	10	8.4	2	2.9	154	8.0
WORK ACCIDENTS	8	6.7	1	1.4	2	2.1	0	0.0	2	2.9	57	3.0
SUICIDE	14	11.7	10	14.0	16	16.8	19	16.0	9	13.0	245	12.8
HOMICIDE	7	5.8	2	2.8	6	6.3	3	2.5	1	1.4	107	5.6
ALL OTHER CAUSES (RESIDUAL)	110	91.7	54	75.5	51	53.5	88	74.0	53	76.7	1,429	74.5

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by County
Table 35

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	BARBOUR		BERKELEY		BOONE		BRAXTON		BROOKE		CABELL		CALHOUN	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	4	24.0	4	4.9	3	9.7	1	5.1	1	3.7	7	6.2	0	0.0
TOTAL DEATHS, ALL CAUSES	185	11.2	471	9.1	294	9.8	178	12.2	298	10.1	1,186	11.3	101	12.3
DEATHS UNDER 1 YEAR	3	18.0	3	3.7	4	12.9	2	10.2	3	11.2	10	8.9	3	31.6
DEATHS UNDER 28 DAYS	2	12.0	1	1.2	4	12.9	2	10.2	3	11.2	5	4.4	2	21.1
INTESTINAL INFECTIOUS DISEASES	1	6.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	1	3.3	0	0.0	0	0.0	1	1.0	0	0.0
SEPTICEMIA	0	0.0	4	7.8	2	6.7	2	13.7	2	6.8	12	11.5	0	0.0
MALIGNANT NEOPLASMS	39	236.4	112	217.5	66	220.7	29	198.6	68	230.5	281	268.4	16	195.1
--OF DIGESTIVE ORGANS AND PERITONEUM	5	30.3	26	50.5	12	40.1	9	61.6	15	50.8	58	55.4	2	24.4
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	11	66.7	35	68.0	19	63.5	4	27.4	21	71.2	101	96.5	6	73.2
--OF GENITOURINARY ORGANS	8	48.5	16	31.1	16	53.5	3	20.5	6	20.3	33	31.5	0	0.0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	1	1.9	3	10.0	0	0.0	0	0.0	1	1.0	1	12.2
DIABETES MELLITUS	7	42.4	10	19.4	9	30.1	6	41.1	5	16.9	25	23.9	4	48.8
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	2.9	1	12.2
ANEMIAS	0	0.0	1	1.9	1	3.3	0	0.0	0	0.0	1	1.0	1	12.2
MAJOR CARDIOVASCULAR DISEASES	81	490.9	219	425.2	116	388.0	85	582.2	139	471.2	562	536.8	40	487.8
DISEASES OF THE HEART	61	369.7	185	359.2	96	321.1	66	452.1	119	403.4	409	390.6	35	426.8
HYPERTENSION	0	0.0	1	1.9	2	6.7	0	0.0	0	0.0	7	6.7	0	0.0
CEREBROVASCULAR DISEASES	14	84.8	23	44.7	16	53.5	16	109.6	16	54.2	123	117.5	4	48.8
ARTERIOSCLEROSIS	3	18.2	1	1.9	1	3.3	3	20.5	1	3.4	13	12.4	1	12.2
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	3	18.2	9	17.5	1	3.3	0	0.0	3	10.2	10	9.6	0	0.0
PNEUMONIA AND INFLUENZA	6	36.4	18	35.0	5	16.7	11	75.3	12	40.7	37	35.3	3	36.6
PNEUMONIA	6	36.4	18	35.0	5	16.7	11	75.3	12	40.7	35	33.4	3	36.6
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	1.9	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	11	66.7	15	29.1	23	76.9	11	75.3	22	74.6	58	55.4	4	48.8
BRONCHITIS, EMPHYSEMA, AND ASTHMA	2	12.1	2	3.9	7	23.4	4	27.4	8	27.1	25	23.9	1	12.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	3	18.2	2	3.9	2	6.7	0	0.0	0	0.0	4	3.8	1	12.2
COAL WORKER'S PNEUMOCONIOSIS	1	6.1	0	0.0	1	3.3	0	0.0	0	0.0	1	1.0	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	2	3.9	3	10.0	0	0.0	0	0.0	2	1.9	1	12.2
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	2	1.9	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	2	12.1	7	13.6	2	6.7	2	13.7	4	13.6	9	8.6	1	12.2
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	6.1	0	0.0	0	0.0	0	0.0	1	3.4	0	0.0	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	2	12.1	5	9.7	3	10.0	0	0.0	7	23.7	10	9.6	3	36.6
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	1	6.8	0	0.0	1	1.0	0	0.0
CONGENITAL ANOMALIES	2	12.1	3	5.8	1	3.3	0	0.0	2	6.8	1	1.0	1	12.2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2	12.1	2	3.9	2	6.7	2	13.7	2	6.8	7	6.7	1	12.2
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	6.1	1	1.9	0	0.0	0	0.0	1	3.4	1	1.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	6.1	1	1.9	0	0.0	0	0.0	0	0.0	2	1.9	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	8	15.5	2	6.7	2	13.7	1	3.4	16	15.3	4	48.8
ACCIDENTS, ALL FORMS	7	42.4	25	48.5	25	83.6	13	89.0	5	16.9	49	46.8	10	122.0
MOTOR VEHICLE ACCIDENTS	2	12.1	13	25.2	14	46.8	8	54.8	4	13.6	17	16.2	5	61.0
HOME ACCIDENTS	0	0.0	2	3.9	4	13.4	0	0.0	0	0.0	14	13.4	3	36.6
WORK ACCIDENTS	2	12.1	1	1.9	4	13.4	1	6.8	0	0.0	0	0.0	0	0.0
SUICIDE	3	18.2	9	17.5	2	6.7	1	6.8	5	16.9	7	6.7	2	24.4
HOMICIDE	1	6.1	4	7.8	3	10.0	0	0.0	0	0.0	7	6.7	0	0.0
ALL OTHER CAUSES (RESIDUAL)	17	103.0	23	44.7	23	76.9	13	89.0	23	78.0	90	86.0	7	85.4

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by County
Table 35 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	CLAY		DODDRIDGE		FAYETTE		GILMER		GRANT		GREENBRIER		HAMPSHIRE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	2	13.1	0	0.0	5	8.5	0	0.0	1	8.3	5	12.7	2	9.3
TOTAL DEATHS, ALL CAUSES	105	9.2	81	10.5	629	11.3	101	11.9	90	9.3	399	10.4	153	9.4
DEATHS UNDER 1 YEAR	0	0.0	0	0.0	4	6.8	2	20.4	0	0.0	2	5.1	2	9.3
DEATHS UNDER 28 DAYS	0	0.0	0	0.0	4	6.8	1	10.2	0	0.0	1	2.5	1	4.6
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	1	8.8	0	0.0	5	9.0	0	0.0	1	10.3	0	0.0	0	0.0
MALIGNANT NEOPLASMS	23	201.8	15	194.8	137	246.8	23	270.6	17	175.3	74	192.7	40	246.9
--OF DIGESTIVE ORGANS AND PERITONEUM	5	43.9	2	26.0	26	46.8	8	94.1	5	51.5	12	31.2	9	55.6
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	8	70.2	4	51.9	52	93.7	9	105.9	3	30.9	29	75.5	11	67.9
--OF GENITOURINARY ORGANS	4	35.1	3	39.0	15	27.0	0	0.0	3	30.9	6	15.6	6	37.0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	2	3.6	1	11.8	0	0.0	1	2.6	0	0.0
DIABETES MELLITUS	2	17.5	3	39.0	10	18.0	1	11.8	3	30.9	5	13.0	3	18.5
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	2	3.6	0	0.0	0	0.0	1	2.6	2	12.3
ANEMIAS	0	0.0	2	26.0	4	7.2	0	0.0	0	0.0	0	0.0	0	0.0
MAJOR CARDIOVASCULAR DISEASES	50	438.6	40	519.5	297	535.1	47	552.9	48	494.8	191	497.4	69	425.9
DISEASES OF THE HEART	42	368.4	29	376.6	257	463.1	41	482.4	38	391.8	147	382.8	56	345.7
HYPERTENSION	0	0.0	1	13.0	2	3.6	0	0.0	1	10.3	0	0.0	1	6.2
CEREBROVASCULAR DISEASES	8	70.2	7	90.9	28	50.5	3	35.3	7	72.2	39	101.6	10	61.7
ARTERIOSCLEROSIS	0	0.0	0	[redacted]	2	3.6	1	11.8	1	10.3	2	5.2	1	6.2
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	0	0.0	3	39.0	8	14.4	2	23.5	1	10.3	3	7.8	1	6.2
PNEUMONIA AND INFLUENZA	6	52.6	1	13.0	21	37.8	3	35.3	3	30.9	18	46.9	5	30.9
PNEUMOMIA	6	52.6	1	13.0	21	37.8	3	35.3	3	30.9	18	46.9	5	30.9
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	2	17.5	5	64.9	27	48.6	3	35.3	2	20.6	19	49.5	8	49.4
BRONCHITIS, EMPHYSEMA, AND ASTHMA	0	0.0	1	13.0	6	10.8	2	23.5	0	0.0	3	7.8	3	18.5
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	2	17.5	0	0.0	11	19.8	1	11.8	0	0.0	4	10.4	0	0.0
COAL WORKER'S PNEUMOCONIOSIS	2	17.5	0	0.0	7	12.6	0	0.0	0	0.0	4	10.4	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	1	1.8	0	0.0	0	0.0	1	2.6	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	1	13.0	0	0.0	1	11.8	0	0.0	0	0.0	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	8.8	1	13.0	4	7.2	1	11.8	1	10.3	5	13.0	0	0.0
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	2	3.6	0	0.0	0	0.0	0	0.0	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	1	8.8	0	0.0	6	10.8	2	23.5	2	20.6	3	7.8	3	18.5
INFECTIONS OF KIDNEY	0	0.0	0	0.0	1	1.8	0	0.0	0	0.0	1	2.6	0	0.0
CONGEMITAL ANOMALIES	0	0.0	1	13.0	3	5.4	0	0.0	0	0.0	3	7.8	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	0	0.0	1	1.8	0	0.0	0	0.0	0	0.0	1	6.2
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	0	0.0	1	1.8	2	23.5	1	10.3	6	15.6	0	0.0
ACCIDENTS, ALL FORMS	10	87.7	1	13.0	37	66.7	5	58.8	5	51.5	32	83.3	6	37.0
MOTOR VEHICLE ACCIDENTS	6	52.6	0	0.0	18	32.4	3	35.3	4	41.2	17	44.3	5	30.9
HOME ACCIDENTS	2	17.5	0	0.0	10	18.0	0	0.0	0	0.0	6	15.6	0	0.0
WORK ACCIDENTS	0	0.0	0	0.0	1	1.8	1	11.8	0	0.0	5	13.0	0	0.0
SUICIDE	3	26.3	2	26.0	5	9.0	4	47.1	1	10.3	3	7.8	4	24.7
HOMICIDE	2	17.5	1	13.0	2	3.6	0	0.0	0	0.0	2	5.2	0	0.0
ALL OTHER CAUSES (RESIDUAL)	2	17.5	8	103.9	50	90.1	7	82.4	6	61.9	30	78.1	12	74.1

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by County
Table 35 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	HANCOCK		HARDY		HARRISON		JACKSON		JEFFERSON		KANAWHA		LEWIS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	2	5.3	2	18.0	8	8.8	5	15.9	6	11.3	15	5.5	1	4.8
TOTAL DEATHS, ALL CAUSES	381	9.6	107	10.7	885	11.8	260	9.9	291	8.6	2,355	10.5	205	10.9
DEATHS UNDER 1 YEAR	3	8.0	1	9.0	12	13.2	3	9.6	7	23.2	22	8.1	1	4.8
DEATHS UNDER 28 DAYS	3	8.0	1	9.0	10	11.0	2	6.4	1	3.9	13	6.2	0	0.0
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	5	12.6	0	0.0	6	8.9	0	0.0	5	14.8	32	14.3	5	26.7
MALIGNANT NEOPLASMS	71	179.3	14	140.0	182	242.0	56	212.9	69	204.1	572	255.2	40	213.9
--OF DIGESTIVE ORGANS AND PERITONEUM	13	32.8	2	20.0	41	54.5	17	64.6	11	32.5	119	53.1	11	58.8
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	23	58.1	5	50.0	56	74.5	13	49.4	22	65.1	228	101.7	11	58.8
--OF GENITOURINARY ORGANS	9	22.7	2	20.0	28	37.2	7	26.6	13	38.5	68	30.3	6	32.1
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	4	10.1	0	0.0	4	5.3	0	0.0	1	3.0	4	1.8	0	0.0
DIABETES MELLITUS	5	12.6	1	10.0	18	23.9	6	22.8	4	11.8	44	19.6	3	16.0
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	0	0.0	0	0.0	1	3.0	2	0.9	0	0.0
ANEMIAS	0	0.0	0	0.0	0	0.0	1	3.8	1	3.0	1	0.4	0	0.0
MAJOR CARDIOVASCULAR DISEASES	198	500.0	60	600.0	433	575.8	159	528.5	128	378.7	1,103	492.2	109	582.9
DISEASES OF THE HEART	159	401.5	50	500.0	355	472.1	118	448.7	110	325.4	915	408.3	92	492.0
HYPERTENSION	0	0.0	0	0.0	5	6.6	2	7.6	0	0.0	9	4.0	0	0.0
CEREBROVASCULAR DISEASES	31	78.3	8	80.0	60	79.8	12	45.6	16	47.3	133	59.3	16	85.6
ARTERIOSCLEROSIS	2	5.1	0	0.0	8	10.6	4	15.2	0	0.0	17	7.6	0	0.0
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	6	15.2	2	20.0	5	6.6	3	11.4	2	5.9	29	12.9	1	5.3
PNEUMONIA AND INFLUENZA	9	22.7	1	10.0	26	34.6	9	34.2	11	32.5	76	33.9	5	26.7
PNEUMONIA	9	22.7	1	10.0	26	34.6	9	34.2	10	29.6	74	33.0	4	21.4
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	1	3.0	2	0.9	1	5.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	14	35.4	3	30.0	39	51.9	9	34.2	9	26.6	104	46.4	7	37.4
BRONCHITIS, EMPHYSEMA, AND ASTHMA	5	12.6	1	10.0	9	12.0	3	11.4	1	3.0	23	10.3	0	0.0
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	2	20.0	4	5.3	0	0.0	1	3.0	7	3.1	1	5.3
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	3	4.0	0	0.0	0	0.0	1	0.4	0	0.0
ULCER OF STOMACH AND DUODENUM	1	2.5	0	0.0	1	1.3	0	0.0	0	0.0	2	0.9	1	5.3
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	5	6.6	1	3.8	1	3.0	5	2.2	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	10	25.3	3	30.0	9	12.0	0	0.0	7	20.7	27	12.0	2	10.7
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	2.5	0	0.0	2	2.7	0	0.0	0	0.0	5	2.2	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	5	12.6	2	20.0	17	22.6	8	30.4	3	8.9	28	12.5	2	10.7
INFECTIONS OF KIDNEY	0	0.0	0	0.0	2	2.7	0	0.0	0	0.0	4	1.8	0	0.0
CONGENITAL ANOMALIES	1	2.5	0	0.0	2	2.7	0	0.0	1	3.0	9	4.0	1	5.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	3	7.6	1	10.0	9	12.0	3	11.4	3	8.9	13	5.8	0	0.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	1	10.0	2	2.7	1	3.8	1	3.0	4	1.8	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	1	1.3	2	7.6	0	0.0	2	0.9	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	1	2.5	1	10.0	6	8.0	2	7.6	4	11.8	10	4.5	0	0.0
ACCIDENTS, ALL FORMS	18	45.5	11	110.0	30	39.9	6	22.8	21	62.1	79	35.3	8	42.8
MOTOR VEHICLE ACCIDENTS	7	17.7	11	110.0	14	18.6	3	11.4	10	29.6	41	18.3	4	21.4
HOME ACCIDENTS	2	5.1	0	0.0	4	5.3	1	3.8	4	11.8	12	5.4	1	5.3
WORK ACCIDENTS	2	5.1	0	0.0	2	2.7	1	3.8	1	3.0	4	1.8	1	5.3
SUICIDE	4	10.1	1	10.0	6	8.0	2	7.6	3	8.9	27	12.0	4	21.4
HOMICIDE	1	2.5	1	10.0	5	6.6	1	3.8	2	5.9	10	4.5	1	5.3
ALL OTHER CAUSES (RESIDUAL)	30	75.8	6	60.0	79	105.1	17	64.6	16	47.3	191	85.2	14	74.9

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by County
Table 35 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	LINCOLN		LOGAN		MCDOWELL		MARION		MARSHALL		MASON		MERCER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	3	10.1	3	5.8	5	8.7	3	4.3	1	2.4	0	0.0	7	9.0
TOTAL DEATHS, ALL CAUSES	231	10.9	469	9.1	470	10.4	729	11.4	409	10.4	272	10.5	741	10.5
DEATHS UNDER 1 YEAR	3	10.1	3	9.6	3	5.2	8	11.5	3	7.1	2	6.5	7	9.0
DEATHS UNDER 28 DAYS	3	10.1	3	5.8	1	1.7	5	7.2	2	4.7	2	6.5	6	7.7
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	1	2.2	1	1.6	0	0.0	0	0.0	0	0.0
SEPTICEMIA	1	4.7	8	16.2	7	15.5	4	6.2	2	5.1	2	7.7	8	11.3
MALIGNANT NEOPLASMS	62	293.8	103	208.1	87	192.1	140	218.4	89	227.0	50	193.1	164	231.3
--OF DIGESTIVE ORGANS AND PERITONEUM	7	33.2	22	44.4	14	30.9	38	59.3	27	68.9	11	42.5	29	40.9
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	26	123.2	48	97.0	33	72.8	41	64.0	27	68.9	14	54.1	58	81.8
--OF GENITOURINARY ORGANS	10	47.4	11	22.2	16	35.3	21	32.8	11	28.1	9	34.7	19	26.8
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	2	4.0	0	0.0	4	6.2	2	5.1	0	0.0	1	1.4
DIABETES MELLITUS	3	14.2	13	26.3	16	35.3	18	28.1	12	30.6	11	42.5	15	21.2
NUTRITIONAL DEFICIENCIES	1	4.7	0	0.0	1	2.2	0	0.0	1	2.6	0	0.0	0	0.0
ANEMIAS	1	4.7	1	2.0	2	4.4	2	3.1	1	2.6	0	0.0	0	0.0
MAJOR CARDIOVASCULAR DISEASES	106	502.4	201	406.1	191	421.6	341	563.2	202	515.3	141	544.4	360	507.8
DISEASES OF THE HEART	91	431.3	180	363.6	166	366.4	295	460.2	159	405.6	114	440.2	296	417.5
HYPERTENSION	0	0.0	1	2.0	1	2.2	3	4.7	1	2.6	1	3.9	2	2.8
CEREBROVASCULAR DISEASES	12	56.9	15	30.3	22	48.6	46	71.8	33	84.2	23	88.8	55	77.6
ARTERIOSCLEROSIS	1	4.7	2	4.0	2	4.4	4	6.2	4	10.2	2	7.7	4	5.6
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	2	9.5	3	6.1	0	0.0	13	20.3	5	12.8	1	3.9	3	4.2
PNEUMONIA AND INFLUENZA	9	42.7	12	24.2	11	24.3	23	35.9	16	40.8	3	11.6	19	26.8
PNEUMONIA	9	42.7	12	24.2	11	24.3	22	34.3	16	40.8	3	11.6	19	26.8
INFLUENZA	0	0.0	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	10	47.4	24	48.5	27	59.6	36	56.2	17	43.4	13	50.2	27	38.1
BRONCHITIS, EMPHYSEMA, AND ASTHMA	5	23.7	3	6.1	3	6.6	5	7.8	3	7.7	2	7.7	5	7.1
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	6	12.1	16	35.3	2	3.1	2	5.1	1	3.9	2	2.8
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	6	12.1	13	28.7	1	1.6	0	0.0	0	0.0	1	1.4
ULCER OF STOMACH AND DUODENUM	1	4.7	0	0.0	3	6.6	1	1.6	2	5.1	0	0.0	2	2.8
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	2	4.0	0	0.0	1	1.6	2	5.1	1	3.9	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0.0	3	6.1	7	15.5	3	4.7	3	7.7	3	11.6	5	7.1
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	3	6.1	0	0.0	2	3.1	1	2.6	0	0.0	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	2	9.5	5	10.1	7	15.5	14	21.8	5	12.8	4	15.4	10	14.1
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6	2	7.7	0	0.0
CONGENITAL ANOMALIES	1	4.7	3	6.1	2	4.4	3	4.7	1	2.6	1	3.9	5	7.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1	4.7	2	4.0	2	4.4	5	7.8	3	7.7	1	3.9	2	2.8
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	4.7	1	2.0	0	0.0	1	1.6	0	0.0	0	0.0	1	1.4
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.4
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	2	9.5	1	2.0	3	6.6	2	3.1	1	2.6	4	15.4	2	2.8
ACCIDENTS, ALL FORMS	23	109.0	19	38.4	25	55.2	27	42.1	16	40.8	9	34.7	47	66.3
MOTOR VEHICLE ACCIDENTS	17	80.6	7	14.1	12	26.5	14	21.8	10	25.5	4	15.4	29	40.9
HOME ACCIDENTS	1	4.7	4	8.1	7	15.5	6	9.4	3	7.7	4	15.4	11	15.5
WORK ACCIDENTS	1	4.7	2	4.0	2	4.4	1	1.6	0	0.0	0	0.0	1	1.4
SUICIDE	2	9.5	9	18.2	11	24.3	11	17.2	8	20.4	4	15.4	9	12.7
HOMICIDE	0	0.0	6	12.1	4	8.8	1	1.6	0	0.0	2	7.7	8	11.3
ALL OTHER CAUSES (RESIDUAL)	6	28.4	26	52.5	47	103.8	68	106.1	22	56.1	20	77.2	55	77.6

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by County
Table 35 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	MINERAL		MINGO		MONONGALIA		MONROE		MORGAN		NICHOLAS		OHIO	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	5	14.8	2	4.1	6	6.6	2	12.8	1	8.2	3	8.3	10	15.2
TOTAL DEATHS, ALL CAUSES	319	11.5	332	9.0	615	7.9	139	11.4	133	13.2	271	9.5	757	13.1
DEATHS UNDER 1 YEAR	3	8.9	6	12.2	9	9.8	3	19.2	4	32.8	3	8.3	10	15.2
DEATHS UNDER 28 DAYS	2	5.9	5	10.2	5	5.5	1	6.4	4	32.8	3	8.3	9	13.7
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	1	2.7	1	1.3	0	0.0	0	0.0	0	0.0	1	1.7
SEPTICEMIA	4	14.4	3	8.2	14	18.0	0	0.0	1	9.9	1	3.5	10	17.2
MALIGNANT NEOPLASMS	47	169.7	69	187.5	125	160.9	31	254.1	26	257.4	57	203.7	182	313.8
--OF DIGESTIVE ORGANS AND PERITONEUM	9	32.5	18	48.9	31	39.9	10	82.0	11	108.9	12	42.3	43	74.1
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	18	65.0	21	57.1	30	38.6	6	49.2	5	49.5	14	49.3	54	93.1
--OF GENITOURINARY ORGANS	6	21.7	12	32.6	20	25.7	4	32.8	2	19.8	11	38.7	24	41.4
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	1	2.7	2	2.6	0	0.0	1	9.9	2	7.0	5	8.6
DIABETES MELLITUS	5	18.1	4	10.9	15	19.3	1	8.2	3	29.7	3	10.6	13	22.4
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	2	2.6	0	0.0	0	0.0	2	7.0	1	1.7
ANEMIAS	1	3.6	0	0.0	1	1.3	0	0.0	0	0.0	2	7.0	3	5.2
MAJOR CARDIOVASCULAR DISEASES	181	653.9	141	383.2	306	393.8	64	524.6	58	574.3	133	468.3	384	662.1
DISEASES OF THE HEART	156	563.2	127	345.1	212	272.8	52	426.2	46	455.4	106	373.2	307	529.3
HYPERTENSION	0	0.0	1	2.7	2	2.6	0	0.0	0	0.0	1	3.5	2	3.4
CEREBROVASCULAR DISEASES	18	65.0	12	32.6	45	57.9	8	65.6	12	118.8	19	66.9	56	96.6
ARTERIOSCLEROSIS	6	21.7	1	2.7	36	46.3	2	16.4	0	0.0	4	14.1	6	10.3
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	3.6	0	0.0	11	14.2	2	16.4	0	0.0	3	10.6	13	22.4
PNEUMONIA AND INFLUENZA	10	36.1	11	29.9	19	24.5	5	41.0	6	59.4	8	28.2	29	50.0
PNEUMONIA	10	36.1	11	29.9	19	24.5	5	41.0	6	59.4	8	28.2	29	50.0
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	11	39.7	22	59.8	19	24.5	9	73.8	5	49.5	10	35.2	25	43.1
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	3.6	7	19.0	8	10.3	4	32.8	1	9.9	3	10.6	7	12.1
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	2	7.2	2	5.4	3	3.9	0	0.0	1	9.9	3	10.6	1	1.7
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	1	2.7	0	0.0	0	0.0	0	0.0	2	7.0	0	0.0
ULCER OF STOMACH AND DUODENUM	1	3.6	0	0.0	2	2.6	0	0.0	1	9.9	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	1	3.6	0	0.0	3	3.9	0	0.0	0	0.0	1	3.5	3	5.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	3	10.8	5	13.6	5	6.4	1	8.2	3	29.7	3	10.6	8	13.8
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	1	2.7	0	0.0	1	8.2	0	0.0	0	0.0	1	1.7
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	3	10.8	7	19.0	8	10.3	1	8.2	0	0.0	0	0.0	7	12.1
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	1	9.9	1	3.5	0	0.0
CONGENITAL ANOMALIES	2	7.2	2	5.4	3	3.9	1	8.2	1	9.9	1	3.5	2	3.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1	3.6	4	10.9	4	5.1	0	0.0	3	29.7	3	10.6	9	15.5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	4	10.9	1	1.3	0	0.0	2	19.8	1	3.5	1	1.7
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	0	0.0	2	3.4
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	1	3.6	0	0.0	5	6.4	3	24.6	0	0.0	1	3.5	1	1.7
ACCIDENTS, ALL FORMS	20	72.2	26	70.7	30	38.6	7	57.4	7	69.3	17	59.9	13	22.4
MOTOR VEHICLE ACCIDENTS	15	54.2	15	40.8	19	24.5	2	16.4	6	59.4	10	35.2	4	6.9
HOME ACCIDENTS	3	10.8	4	10.9	5	6.4	0	0.0	0	0.0	0	0.0	5	8.6
WORK ACCIDENTS	1	3.6	2	5.4	3	3.9	1	8.2	0	0.0	0	0.0	0	0.0
SUICIDE	3	10.8	3	8.2	4	5.1	1	8.2	4	39.6	2	7.0	10	17.2
HOMICIDE	1	3.6	6	16.3	0	0.0	0	0.0	0	0.0	0	0.0	2	3.4
ALL OTHER CAUSES (RESIDUAL)	22	79.4	24	65.2	44	56.6	14	114.8	12	118.8	21	73.9	47	81.0

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by County
Table 35 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	PENDLETON		PLEASANTS		POCAHONTAS		PRESTON		PUTNAM		RALEIGH		RANDOLPH	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	0	0.0	0	0.0	1	8.5	2	5.6	1	1.8	11	12.7	9	23.9
TOTAL DEATHS, ALL CAUSES	89	11.3	68	8.4	125	13.2	305	10.0	300	7.1	842	10.0	325	11.5
DEATHS UNDER 1 YEAR	1	8.8	1	13.0	0	0.0	6	16.8	3	5.5	3	3.5	5	13.3
DEATHS UNDER 28 DAYS	0	0.0	1	13.0	0	0.0	3	8.4	1	1.8	2	2.3	4	10.6
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.2	0	0.0
SEPTICEMIA	2	25.3	0	0.0	1	10.5	2	6.6	3	7.1	2	2.4	5	17.7
MALIGNANT NEOPLASMS	12	151.9	16	197.5	28	294.7	70	230.3	79	186.8	182	216.2	67	236.7
--OF DIGESTIVE ORGANS AND PERITONEUM	3	38.0	6	74.1	7	73.7	16	52.6	13	30.7	44	52.3	14	49.5
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	3	38.0	2	24.7	7	73.7	20	65.8	29	68.6	60	71.3	16	56.5
--OF GENITOURINARY ORGANS	3	38.0	2	24.7	4	42.1	3	9.9	13	30.7	23	27.3	7	24.7
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	0	0.0	1	3.3	0	0.0	2	2.4	0	0.0
DIABETES MELLITUS	0	0.0	1	12.3	4	42.1	7	23.0	4	9.5	13	15.4	6	21.2
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	10.5	2	6.6	1	2.4	0	0.0	0	0.0
ANEMIAS	0	0.0	1	12.3	0	0.0	1	3.3	0	0.0	1	1.2	0	0.0
MAJOR CARDIOVASCULAR DISEASES	51	645.6	32	395.1	49	515.8	146	480.3	136	321.5	401	476.2	145	512.4
DISEASES OF THE HEART	40	506.3	29	358.0	38	400.0	114	375.0	116	274.2	321	381.2	115	406.4
HYPERTENSION	0	0.0	0	0.0	0	0.0	3	9.9	1	2.4	6	7.1	1	3.5
CEREBROVASCULAR DISEASES	9	113.9	1	12.3	10	105.3	24	78.9	12	28.4	63	74.8	24	84.8
ARTERIOSCLEROSIS	1	12.7	2	24.7	0	0.0	0	0.0	2	4.7	1	1.2	2	7.1
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	12.7	0	0.0	1	10.5	5	16.4	5	11.8	10	11.9	3	10.6
PNEUMONIA AND INFLUENZA	2	25.3	3	37.0	9	94.7	5	16.4	5	11.8	28	33.3	2	7.1
PNEUMONIA	2	25.3	3	37.0	9	94.7	5	16.4	5	11.8	28	33.3	2	7.1
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	6	75.9	3	37.0	10	105.3	16	52.6	14	33.1	50	59.4	15	53.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	0	0.0	1	12.3	5	52.6	8	26.3	1	2.4	9	10.7	5	17.7
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	12.7	0	0.0	1	10.5	4	13.2	2	4.7	24	28.5	1	3.5
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	3	9.9	0	0.0	24	28.5	1	3.5
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	0	0.0	2	6.6	0	0.0	4	4.8	1	3.5
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	1	12.3	1	10.5	1	3.3	0	0.0	1	1.2	1	3.5
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	12.7	0	0.0	2	21.1	0	0.0	1	2.4	6	7.1	3	10.6
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	0	0.0	0	0.0	2	4.7	2	2.4	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	0	0.0	1	10.5	3	9.9	3	7.1	10	11.9	2	7.1
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	1	3.3	0	0.0	0	0.0	1	3.5
CONGENITAL ANOMALIES	1	12.7	1	12.3	0	0.0	1	3.3	1	2.4	1	1.2	1	3.5
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	0	0.0	0	0.0	2	6.6	1	2.4	2	2.4	2	7.1
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	0	0.0	2	6.6	0	0.0	1	1.2	1	3.5
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4	0	0.0	1	3.5
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	1	12.3	0	0.0	1	3.3	4	9.5	2	2.4	7	24.7
ACCIDENTS, ALL FORMS	4	50.6	1	12.3	11	115.8	12	39.5	17	40.2	59	46.3	26	91.9
MOTOR VEHICLE ACCIDENTS	2	25.3	1	12.3	8	84.2	9	29.6	9	21.3	19	22.6	14	49.5
HOME ACCIDENTS	1	12.7	0	0.0	2	21.1	0	0.0	2	4.7	8	9.5	4	14.1
WORK ACCIDENTS	0	0.0	0	0.0	0	0.0	1	3.3	1	2.4	3	3.6	2	7.1
SUICIDE	1	12.7	1	12.3	1	10.5	7	23.0	8	18.9	13	15.4	2	7.1
HOMICIDE	0	0.0	1	12.3	1	10.5	1	3.3	0	0.0	8	9.5	1	3.5
ALL OTHER CAUSES (RESIDUAL)	8	101.3	6	74.1	5	52.6	20	65.8	19	44.9	50	59.4	37	130.7

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by County
Table 35 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	RITCHIE		ROANE		SUMMERS		TAYLOR		TUCKER		TYLER		UPSHUR	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	0	0.0	0	0.0	2	14.0	1	5.4	0	0.0	1	9.1	0	0.0
TOTAL DEATHS, ALL CAUSES	126	11.3	169	10.9	197	13.7	165	10.1	93	10.8	128	11.6	256	10.4
DEATHS UNDER 1 YEAR	0	0.0	0	0.0	2	14.0	1	5.4	1	13.5	1	9.1	6	20.8
DEATHS UNDER 28 DAYS	0	0.0	0	0.0	2	14.0	1	5.4	1	13.5	1	9.1	4	13.8
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	1	6.1	0	0.0	0	0.0	0	0.0
SEPTICEMIA	0	0.0	1	6.5	2	13.9	4	24.5	0	0.0	2	18.2	2	8.1
MALIGNANT NEOPLASMS	33	296.6	28	180.6	34	236.1	38	233.1	20	232.6	29	263.6	54	218.6
--OF DIGESTIVE ORGANS AND PERITONEUM	7	62.5	7	45.2	7	48.6	9	55.2	8	93.0	9	81.8	15	60.7
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	13	116.1	10	64.5	6	41.7	11	67.5	7	81.4	6	54.5	18	72.9
--OF GENITOURINARY ORGANS	4	35.7	4	25.8	6	41.7	7	42.9	2	23.3	3	27.3	5	20.2
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	1	8.9	0	0.0	2	13.9	1	6.1	1	11.6	0	0.0	0	0.0
DIABETES MELLITUS	5	44.6	4	25.8	5	34.7	0	0.0	3	34.9	1	9.1	7	28.3
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	6.9	0	0.0	1	11.6	1	9.1	0	0.0
ANEMIAS	0	0.0	1	6.5	0	0.0	0	0.0	1	11.6	0	0.0	0	0.0
MAJOR CARDIOVASCULAR DISEASES	54	482.1	100	645.2	85	590.3	83	509.2	44	511.6	57	518.2	136	550.6
DISEASES OF THE HEART	46	410.7	65	419.4	67	465.3	67	411.0	38	441.9	44	400.0	108	437.2
HYPERTENSION	1	8.9	0	0.0	2	13.9	0	0.0	0	0.0	0	0.0	2	8.1
CEREBROVASCULAR DISEASES	6	53.6	32	206.5	13	90.3	7	42.9	4	46.5	8	72.7	19	76.9
ARTERIOSCLEROSIS	2	17.9	2	12.9	2	13.9	6	36.8	0	0.0	1	9.1	5	20.2
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	8.9	1	6.5	1	6.9	3	18.4	2	23.3	4	36.4	2	8.1
PNEUMONIA AND INFLUENZA	5	44.6	6	38.7	12	83.3	5	30.7	3	34.9	6	54.5	8	32.4
PNEUMOMIA	5	44.6	6	38.7	12	83.3	5	30.7	3	34.9	6	54.5	8	32.4
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	5	44.6	4	25.8	13	90.3	7	42.9	2	23.3	5	45.5	13	52.6
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	8.9	0	0.0	0	0.0	2	12.3	1	11.6	2	18.2	4	16.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	9.1	0	0.0
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	0	0.0	1	6.1	0	0.0	0	0.0	3	12.1
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	0	0.0	4	24.5	0	0.0	0	0.0	1	4.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0.0	1	6.5	1	6.9	0	0.0	0	0.0	4	36.4	0	0.0
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	2	13.9	0	0.0	1	11.6	0	0.0	1	4.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	1	6.5	3	20.8	1	6.1	0	0.0	2	18.2	1	4.0
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	18.2	0	0.0
CONGENITAL ANOMALIES	0	0.0	0	0.0	3	20.8	1	6.1	1	11.6	1	9.1	2	8.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	9.1	5	20.2
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	8.1
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	1	6.5	0	0.0	0	0.0	0	0.0	0	0.0	1	4.0
ACCIDENTS, ALL FORMS	6	53.6	8	51.6	11	76.4	7	42.9	6	69.8	5	45.5	6	24.3
MOTOR VEHICLE ACCIDENTS	3	26.8	3	19.4	6	41.7	4	24.5	3	34.9	4	36.4	3	12.1
HOME ACCIDENTS	0	0.0	0	0.0	0	0.0	0	0.0	2	23.3	0	0.0	1	4.0
WORK ACCIDENTS	0	0.9	0	9.0	2	13.9	2	12.3	0	0.0	0	0.0	1	4.0
SUICIDE	1	8.9	2	12.9	7	48.6	3	18.4	0	0.0	1	9.1	0	0.0
HOMICIDE	3	26.8	1	6.5	3	20.8	1	6.1	3	34.9	1	9.1	1	4.0
ALL OTHER CAUSES (RESIDUAL)	13	116.1	11	71.0	13	90.3	8	49.1	7	81.4	9	81.8	15	60.7

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by County
Table 35 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	WAYNE		WEBSTER		WETZEL		WIRT		WOOD		WYOMING		TOTAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	2	4.0	2	13.0	3	12.3	0	0.0	6	5.3	6	17.5	172	7.7
TOTAL DEATHS, ALL CAUSES	419	9.4	116	9.7	227	10.5	49	10.7	885	9.6	259	7.5	19,763	10.3
DEATHS UNDER 1 YEAR	5	9.9	3	19.5	3	12.3	2	30.3	15	13.2	5	14.6	219	9.8
DEATHS UNDER 28 DAYS	3	5.9	3	19.5	2	8.2	0	0.0	11	9.7	1	2.9	151	6.7
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
TUBERCULOSIS	0	0.0	0	0.0	1	4.6	1	21.7	0	0.0	0	0.0	11	0.6
SEPTICEMIA	3	6.7	0	0.0	0	0.0	1	21.7	7	7.6	0	0.0	184	9.6
MALIGNANT NEOPLASMS	89	199.6	23	193.3	51	235.0	16	347.8	192	208.7	50	144.1	4,287	223.4
--OF DIGESTIVE ORGANS AND PERITONEUM	22	49.3	3	25.2	8	36.9	5	108.7	48	43.5	14	40.3	967	49.3
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	29	65.0	7	58.8	11	50.7	5	108.7	63	68.5	18	51.9	1,407	73.3
--OF GENITOURINARY ORGANS	11	24.7	3	25.2	12	55.3	4	87.0	25	27.2	3	8.6	572	29.8
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	0	0.0	0	0.0	2	2.2	0	0.0	53	2.8
DIABETES MELLITUS	6	13.5	1	8.4	7	32.3	0	0.0	22	23.9	4	11.5	406	21.2
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	2	5.8	30	1.6
ANEMIAS	0	0.0	0	0.0	1	4.6	0	0.0	1	1.1	0	0.0	34	1.8
MAJOR CARDIOVASCULAR DISEASES	222	497.8	55	462.2	112	516.1	21	456.5	433	470.7	116	334.3	9,461	493.0
DISEASES OF THE HEART	188	421.5	48	403.4	91	419.4	18	391.3	342	371.7	98	282.4	7,680	400.2
HYPERTENSION	2	4.5	0	0.0	0	0.0	0	0.0	4	4.3	3	8.6	71	3.7
CEREBROVASCULAR DISEASES	22	49.3	6	50.4	16	73.7	2	43.5	70	76.1	13	37.5	1,325	69.0
ARTERTOSCLEROSIS	6	9.0	0	0.0	3	13.8	0	0.0	10	10.9	0	0.0	178	9.3
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	6	13.5	1	8.4	2	9.2	1	21.7	7	7.6	2	5.8	207	10.8
PNEUMONIA AND INFLUENZA	13	29.1	6	50.4	6	27.6	0	0.0	34	37.0	11	31.7	636	33.1
PNEUMONIA	13	29.1	6	50.4	6	27.6	0	0.0	33	35.9	9	25.9	626	32.6
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	2	5.8	10	0.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	18	40.4	5	33.6	12	55.3	4	87.0	39	42.4	12	34.6	902	47.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	5	8.7	2	16.8	0	0.0	1	21.7	5	5.4	2	5.8	215	11.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	2.2	2	16.8	1	4.6	0	0.0	2	2.2	12	34.6	138	7.2
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	34.6	84	4.4
ULCER OF STOMACH AND DUODENUM	1	2.2	0	0.0	0	0.0	0	0.0	1	1.1	1	2.9	42	2.2
HERNIA AND INTESTINAL OBSTRUCTION	1	2.2	0	0.0	0	0.0	0	0.0	2	2.2	1	2.9	45	2.3
CHRONIC LIVER DISEASE AND CIRRHOSIS	3	6.7	1	8.4	1	4.6	0	0.0	7	7.6	1	2.9	182	9.5
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	2	4.5	0	0.0	0	0.0	0	0.0	4	4.3	0	0.0	35	1.8
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	1	2.2	2	16.8	4	18.4	0	0.0	9	9.8	3	8.6	231	12.0
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0	20	1.0
CONGENITAL ANOMALIES	2	4.5	1	8.4	0	0.0	0	0.0	1	1.1	0	0.0	77	4.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	3	6.7	3	25.2	2	9.2	1	21.7	11	12.0	0	0.0	125	6.5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	2.2	0	0.0	0	0.0	1	21.7	3	3.3	0	0.0	35	1.8
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	2	9.2	0	0.0	2	2.2	0	0.0	21	1.1
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	2	4.5	1	8.4	0	0.0	1	21.7	21	22.8	3	8.6	138	7.2
ACCIDENTS, ALL FORMS	27	60.5	5	42.0	8	36.9	2	43.5	33	35.9	21	65.5	944	49.2
MOTOR VEHICLE ACCIDENTS	13	29.1	2	16.8	3	13.8	2	43.5	21	22.8	8	23.1	507	26.4
HOME ACCIDENTS	2	4.5	2	16.8	2	9.2	0	0.0	5	5.4	5	14.4	154	8.0
WORK ACCIDENTS	4	9.0	1	8.4	0	0.0	0	0.0	0	0.0	0	0.0	57	3.0
SUICIDE	3	6.7	4	33.6	1	4.6	0	0.0	9	9.8	2	5.8	245	12.8
HOMICIDE	1	2.2	0	0.0	1	4.6	0	0.0	5	5.4	2	5.8	107	5.6
ALL OTHER CAUSES (RESIDUAL)	21	47.1	8	67.2	19	87.6	3	65.2	48	52.2	18	51.9	1,429	74.5

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by City
Table 36

SELECTED CAUSES OF DEATH	NUMBER AND RATE FOR LEADING CITIES															
	BECKLEY		BLUEFIELD		CHARLESTON		CLARKSBURG		FAIRMONT		HUNTINGTON		MARTINSBURG		MORGANTOWN	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	4	16.5	3	15.2	4	5.4	2	7.5	2	7.8	4	5.0	2	7.5	2	4.8
TOTAL DEATHS, ALL CAUSES	309	15.1	202	12.6	795	12.4	334	14.9	293	12.3	873	13.7	199	15.2	292	10.6
DEATHS UNDER 1 YEAR	2	8.2	1	5.1	11	15.0	4	15.0	4	15.5	5	6.2	1	3.7	7	16.9
DEATHS UNDER 28 DAYS	1	4.1	1	5.1	7	9.5	3	11.2	3	11.6	2	2.5	0	0.0	5	12.1
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	1	4.2	1	1.6	0	0.0	0	0.0
SEPTICEMIA	6	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MALIGNANT NEOPLASMS	2	9.8	2	12.5	14	21.9	3	15.4	0	0.0	9	14.1	1	7.7	8	29.0
--OF DIGESTIVE ORGANS AND PERITONEUM	68	331.8	51	317.6	192	300.2	61	272.7	52	217.9	211	331.3	45	344.5	64	231.8
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	16	78.1	7	43.6	46	71.9	14	62.6	14	58.7	52	81.7	14	107.2	17	61.6
--OF GENITOURINARY ORGANS	20	97.6	22	137.0	66	103.2	16	71.5	21	88.0	69	108.3	17	130.1	16	58.0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	10	48.8	7	43.6	22	34.4	10	44.7	6	25.1	22	34.5	5	38.3	9	32.6
DIABETES MELLITUS	1	4.9	0	0.0	1	1.6	4	17.9	0	0.0	1	1.6	0	0.0	2	7.2
NUTRITIONAL DEFICIENCIES	4	19.5	8	49.8	8	12.5	9	40.2	7	29.3	15	23.6	5	38.3	6	21.7
ANEMIAS	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	2	3.1	0	0.0	1	3.6
MAJOR CARDIOVASCULAR DISEASES	0	0.0	0	0.0	1	1.6	0	0.0	1	4.2	0	0.0	1	7.7	0	0.0
DISEASES OF THE HEART	155	756.4	105	653.8	370	578.4	179	800.1	150	628.6	423	664.2	93	711.9	139	503.5
HYPERTENSION	126	605.1	89	554.2	307	479.9	150	670.5	129	540.6	316	496.2	79	604.8	98	355.0
CEREBROVASCULAR DISEASES	2	9.8	2	12.5	2	3.1	2	8.9	1	4.2	5	7.9	0	0.0	0	0.0
ARTERIOSCLEROSIS	21	102.5	12	74.7	49	76.6	24	107.3	15	62.9	89	139.8	11	84.2	23	83.3
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	4.9	1	6.2	7	10.9	3	13.4	0	0.0	6	9.4	0	0.0	11	39.8
PNEUMONIA AND INFLUENZA	7	34.2	1	6.2	5	7.8	0	0.0	5	21.0	7	11.0	3	23.0	7	25.4
PNEUMONIA	13	63.4	3	18.7	29	45.3	10	44.7	12	50.3	26	40.8	11	84.2	13	47.1
INFLUENZA	13	63.4	3	18.7	27	42.2	10	44.7	11	46.1	25	39.3	11	84.2	13	47.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	0	0.0	0	0.0	2	3.1	0	0.0	1	4.2	1	1.6	0	0.0	0	0.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	14	68.3	7	43.6	31	48.5	11	49.2	13	54.5	43	67.5	9	68.9	12	43.5
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	2	9.8	2	12.5	7	10.9	2	8.9	5	21.0	18	28.3	1	7.7	4	14.5
COAL WORKER'S PNEUMOCONIOSIS	1	4.9	1	6.2	1	1.6	1	4.5	0	0.0	3	4.7	1	7.7	1	3.6
ULCER OF STOMACH AND DUODENUM	1	4.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	2	9.8	0	0.0	1	1.6	1	4.5	1	4.2	2	3.1	1	7.7	1	3.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	4.9	0	0.0	1	1.6	1	4.5	0	0.0	2	3.1	1	7.7	1	3.6
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	3	14.6	2	12.5	11	17.2	4	17.9	1	4.2	6	9.4	3	23.0	3	10.9
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	2	9.8	0	0.0	2	3.1	0	0.0	1	4.2	0	0.0	0	0.0	0	0.0
INFECTIONS OF KIDNEY	5	24.4	1	6.2	9	14.1	8	35.8	5	21.0	5	7.9	2	15.3	3	10.9
CONGENITAL ANOMALIES	0	0.0	0	0.0	2	3.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	0	0.0	3	4.7	1	4.5	2	8.4	0	0.0	1	7.7	3	10.9
BIRTH TRAUMA OR ASPHYXIA	1	4.9	1	6.2	6	9.4	3	13.4	3	12.6	4	6.3	0	0.0	2	7.2
INTRAUTERINE HYPOXIA AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	2	3.1	2	8.9	0	0.0	0	0.0	0	0.0	1	3.6
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	1	6.2	1	1.6	0	0.0	0	0.0	1	1.6	0	0.0	1	3.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	1	4.9	0	0.0	3	4.7	3	13.4	1	4.2	13	20.4	3	38.3	1	3.6
ACCIDENTS, ALL FORMS	5	24.4	9	56.0	23	36.0	3	13.4	13	55.5	27	42.4	3	38.3	9	32.6
MOTOR VEHICLE ACCIDENTS	2	9.8	5	31.1	8	12.5	0	0.0	8	33.5	10	15.7	3	23.0	5	18.1
HOME ACCIDENTS	2	9.8	2	12.5	4	6.3	0	0.0	3	12.6	9	14.1	1	7.7	3	10.9
WORK ACCIDENTS	0	0.0	0	0.0	1	1.6	1	4.5	0	0.0	0	0.0	0	0.0	0	0.0
SUICIDE	0	0.0	0	0.0	1	1.6	1	4.5	3	12.6	6	9.4	1	7.7	0	0.0
HOMICIDE	5	24.4	1	6.2	8	12.5	3	13.4	3	12.6	5	7.9	3	23.0	0	0.0
ALL OTHER CAUSES (RESIDUAL)	1	4.9	2	12.5	3	4.7	1	4.5	1	4.2	5	7.9	3	23.0	0	0.0
	19	92.7	9	56.0	75	117.2	28	125.2	26	109.0	69	108.3	11	84.2	23	83.3

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes: Number and Rate by City
Table 36 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE FOR LEADING CITIES													
	MOUNDSVILLE		PARKERSBURG		SAINT ALBANS		SO CHARLESTON		VIENNA		WEIRTON		WHEELING	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	0	0.0	1	1.8	1	5.3	1	6.1	2	17.1	1	4.5	9	17.8
TOTAL DEATHS, ALL CAUSES	182	14.7	553	13.8	179	14.4	181	11.3	101	8.7	256	10.3	647	15.0
DEATHS UNDER 1 YEAR	1	5.4	9	16.5	2	8.6	1	6.1	1	8.5	1	4.5	9	17.8
DEATHS UNDER 28 DAYS	1	5.4	6	11.0	2	8.6	0	0.0	1	8.5	1	4.5	8	15.8
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.3
SEPTICEMIA	0	0.0	4	15.0	2	16.1	2	12.5	0	0.0	5	20.2	7	16.3
MALIGNANT NEOPLASMS	21	169.1	118	295.2	40	322.5	48	300.6	20	172.1	52	210.2	159	369.2
--OF DIGESTIVE ORGANS AND PERITONEUM	7	56.4	29	72.6	5	40.3	13	81.4	3	25.8	15	60.6	40	92.9
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	12	96.6	39	97.6	18	145.1	17	106.5	5	43.0	14	56.6	48	111.4
--OF GENITOURINARY ORGANS	0	0.0	13	32.5	7	56.4	8	50.1	4	34.4	7	28.3	21	48.8
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	1	8.1	2	5.0	0	0.0	0	0.0	0	0.0	4	16.2	5	11.6
DIABETES MELLITUS	8	64.4	8	20.0	0	0.0	6	37.6	4	34.4	4	16.2	12	27.9
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ANEMIAS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	7.0
MAJOR CARDIOVASCULAR DISEASES	101	813.3	279	698.1	87	701.5	81	507.3	50	430.4	131	529.6	325	754.6
DISEASES OF THE HEART	81	652.2	221	553.0	75	604.7	63	394.5	37	318.5	109	440.7	256	594.4
HYPERTENSION	1	8.1	3	7.5	1	8.1	1	6.3	0	0.0	0	0.0	2	4.6
CEREBROVASCULAR DISEASES	17	136.9	42	105.1	10	80.6	10	62.6	10	86.1	18	72.8	48	111.4
ARTERIOSCLEROSIS	0	0.0	9	22.5	0	0.0	2	12.5	1	8.6	1	4.0	6	13.9
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	2	16.1	4	10.0	1	8.1	5	31.3	2	17.2	3	12.1	13	30.2
PNEUMONIA AND INFLUENZA	9	72.5	19	47.5	8	64.5	4	25.1	8	68.9	10	40.4	27	62.7
PNEUMONIA	9	72.5	18	45.0	8	64.5	4	25.1	8	68.9	10	40.4	27	62.7
INFLUENZA	0	0.0	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	10	80.5	23	57.5	6	48.4	9	56.4	3	25.8	7	28.3	20	46.4
BRONCHITIS, EMPHYSEMA, AND ASTHMA	2	16.1	2	5.0	2	16.1	1	6.3	0	0.0	1	4.0	4	9.3
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	8.1	2	5.0	1	8.1	0	0.0	0	0.0	0	0.0	1	2.3
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	2	16.1	1	2.5	1	8.1	2	12.5	0	0.0	0	0.0	3	7.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	3	24.2	2	5.0	0	0.0	0	0.0	3	25.8	4	24.3	8	18.4
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	8.1	4	10.0	0	0.0	1	6.3	0	0.0	1	4.0	1	2.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	3	24.2	5	12.5	3	24.2	2	12.5	2	17.2	4	16.2	6	13.9
INFECTIONS OF KIDNEY	1	8.1	1	2.5	1	8.1	1	6.3	0	0.0	0	0.0	0	0.0
CONGENITAL ANOMALIES	1	8.1	0	0.0	0	0.0	0	0.0	1	8.6	1	4.0	1	2.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1	8.1	6	15.0	2	16.1	0	0.0	1	8.6	1	4.0	8	18.4
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	2	5.0	1	8.1	0	0.0	0	0.0	0	0.0	1	2.3
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	4.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	14	35.0	2	16.1	0	0.0	2	17.2	1	4.0	1	2.3
ACCIDENTS, ALL FORMS	9	72.5	21	52.5	6	48.4	6	37.6	1	8.6	9	36.4	11	25.5
MOTOR VEHICLE ACCIDENTS	6	48.3	12	30.0	4	32.3	3	18.8	1	8.6	2	8.1	3	7.0
HOME ACCIDENTS	1	8.1	4	10.0	2	16.1	1	6.3	0	0.0	1	4.0	4	9.3
WORK ACCIDENTS	0	0.0	0	0.0	0	0.0	1	6.3	0	0.0	1	4.0	0	0.0
SUICIDE	2	16.1	5	12.5	3	24.2	1	6.3	1	8.6	2	8.1	9	20.9
HOMICIDE	0	0.0	4	10.0	0	0.0	1	6.3	0	0.0	0	0.0	2	4.6
ALL OTHER CAUSES (RESIDUAL)	8	64.4	32	80.1	17	137.1	17	106.5	5	43.0	18	72.8	37	85.9

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes by Age Groups
Table 37

SELECTED CAUSES OF DEATH	TOTAL	AGE IN YEARS												AVERAGE AGE AT DEATH*
		LESS THAN ONE	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	UNKNOWN	
TOTAL DEATHS, ALL CAUSES	19,763	219	49	34	46	310	376	528	1,037	2,797	4,949	5,611	3,822	1	70.5
DEATHS UNDER 1 YEAR	219	219	0	0	0	0	0	0	0	0	0	0	0	0	0.1
DEATHS UNDER 28 DAYS	151	151	0	0	0	0	0	0	0	0	0	0	0	0	0.0
INTESTINAL INFECTIOUS DISEASES	1	0	0	0	0	0	0	0	0	0	0	1	0	0	93.0
TUBERCULOSIS	11	0	0	0	0	0	0	1	0	0	5	2	3	0	75.5
SEPTICEMIA	184	1	1	0	0	2	2	3	10	29	50	48	38	0	72.2
MALIGNANT NEOPLASMS	4,287	0	3	3	5	9	29	130	313	926	1,410	1,072	387	0	66.6
--OF DIGESTIVE ORGANS AND PERITONEUM	947	0	0	0	0	0	3	29	40	181	301	263	130	0	71.5
--OF RESPIRATORY SYSTEM AND INTRATHRATIC ORGANS	1,487	0	0	0	0	0	0	29	98	375	537	311	57	0	67.8
--OF GENITOURINARY ORGANS	572	0	1	0	0	2	4	17	52	100	172	175	69	0	70.9
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	53	0	1	0	0	0	0	1	4	11	18	12	6	0	69.5
DIABETES MELLITUS	406	0	0	0	0	0	1	10	31	67	115	122	61	0	71.5
NUTRITIONAL DEFICIENCIES	30	0	0	0	0	0	0	1	0	2	4	19	4	0	82.3
ANEMIAS	34	0	0	1	0	0	0	0	0	1	4	13	13	0	77.8
MAJOR CARDIOVASCULAR DISEASES	9,461	12	2	0	2	13	45	126	388	1,157	2,320	3,012	2,382	0	75.2
DISEASES OF THE HEART	7,680	11	2	0	2	10	37	109	345	991	1,965	2,356	1,852	0	74.8
HYPERTENSION	71	0	0	0	0	0	0	1	1	11	9	27	22	0	77.8
CEREBROVASCULAR DISEASES	1,325	1	0	0	0	2	6	20	37	114	255	493	397	0	77.3
ARTERIOSCLEROSIS	178	0	0	0	0	0	0	1	2	13	38	61	73	0	80.5
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	207	0	0	0	0	1	2	2	5	28	61	75	35	0	73.6
PNEUMONIA AND INFLUENZA	636	2	0	0	2	1	4	10	11	44	104	225	233	0	78.7
PNEUMONIA	626	2	0	0	2	1	4	9	11	43	101	224	229	0	78.6
INFLUENZA	10	0	0	0	0	0	0	1	0	1	3	1	4	0	74.2
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	402	1	3	0	0	3	1	7	26	151	300	316	97	0	72.5
BRONCHITIS, EMPHYSEMA, AND ASTHMA	219	1	0	0	0	2	1	4	12	39	74	65	15	0	69.7
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	138	0	0	0	0	0	0	0	2	13	43	51	29	0	76.5
COAL WORKER'S PNEUMOCONIOSIS	84	0	0	0	0	0	0	0	1	9	33	32	9	0	74.4
ULCER OF STOMACH AND DUODENUM	42	0	0	0	0	0	0	0	3	4	11	14	10	0	75.5
HERNIA AND INTESTINAL OBSTRUCTION	45	1	0	0	0	0	0	0	0	4	5	15	20	0	79.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	187	0	0	0	0	1	6	10	42	51	49	21	7	0	60.2
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	35	0	0	0	0	0	0	0	0	1	9	14	11	0	80.1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	231	1	0	0	0	0	0	2	5	27	52	75	69	0	77.0
INFECTIONS OF KIDNEY	20	0	0	0	0	0	1	0	1	3	5	7	3	0	72.5
CONGENITAL ANOMALIES	77	39	8	0	2	11	5	7	0	1	1	3	1	0	15.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	125	122	2	1	0	0	0	0	0	0	0	0	0	0	0.1
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	35	34	0	1	0	0	0	0	0	0	0	0	0	0	0.2
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	138	24	0	0	0	1	4	3	5	10	21	33	37	0	61.8
ACCIDENTS, ALL FORMS	944	3	25	15	24	208	155	98	64	79	92	109	71	1	44.8
MOTOR VEHICLE ACCIDENTS	387	1	5	8	17	159	109	60	33	30	35	39	10	1	36.9
HOME ACCIDENTS	154	2	16	6	3	15	13	11	6	11	25	24	22	0	58.8
WORK ACCIDENTS	57	0	0	0	0	5	18	11	8	11	2	2	0	0	42.6
SUICIDE	245	0	0	0	1	22	49	44	34	49	23	16	7	0	48.9
HOMICIDE	107	3	3	0	0	28	29	22	14	8	5	3	0	0	35.6
ALL OTHER CAUSES (RESIDUAL)	1,429	10	4	4	4	19	43	56	82	157	304	424	322	0	71.0

* DEATHS IN THE UNKNOWN COLUMN HAVE NOT BEEN USED IN COMPUTING THE AVERAGE AGES AT DEATH.

WEST VIRGINIA RESIDENT DEATHS 1987
Selected Causes by Month of Occurrence
Table 38

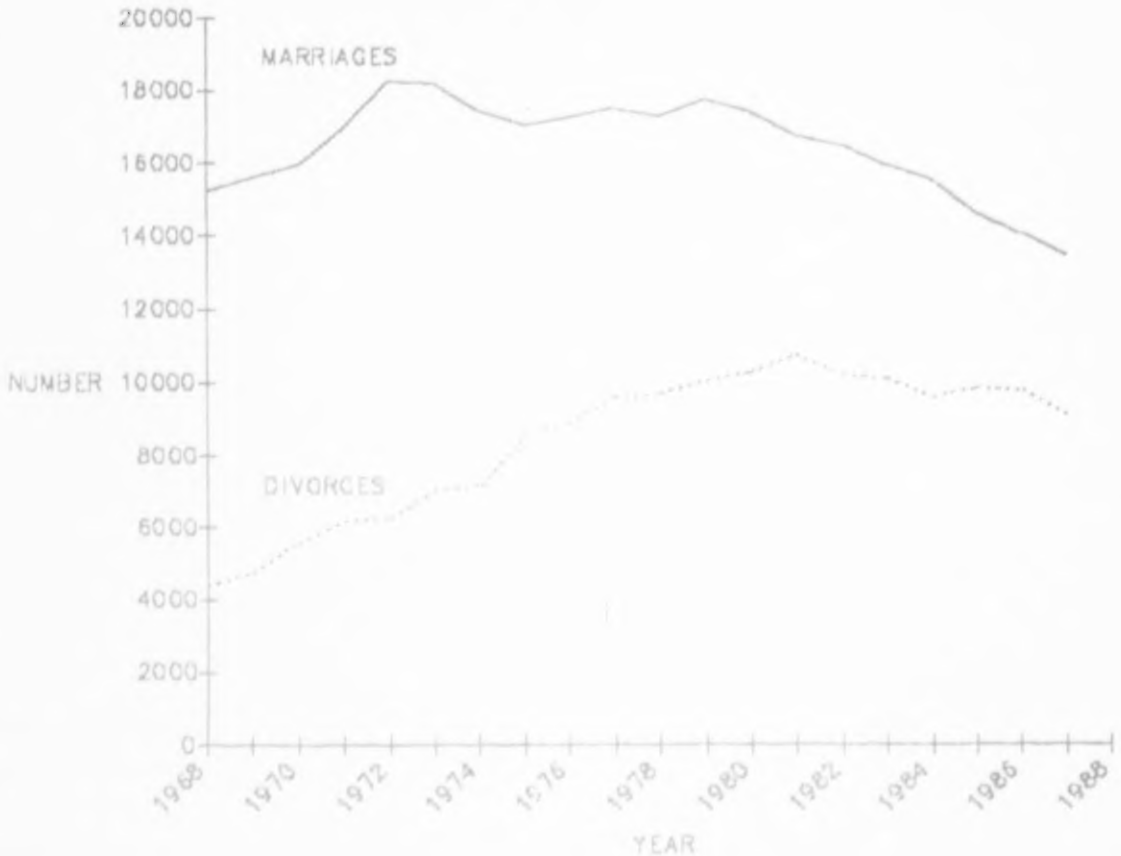
SELECTED CAUSES OF DEATH	TOTAL	NUMBER OF DEATHS PER MONTH											
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
FETAL DEATHS	173	14	10	15	13	8	12	11	18	18	12	12	21
TOTAL DEATHS, ALL CAUSES	19,763	1,745	1,553	1,825	1,676	1,680	1,505	1,589	1,579	1,584	1,752	1,616	1,721
DEATHS UNDER 1 YEAR	219	13	17	17	15	26	21	13	14	23	14	18	21
DEATHS UNDER 28 DAYS	151	10	13	12	8	17	14	10	10	15	4	12	14
INTESTINAL INFECTIOUS DISEASES	1	0	0	0	0	0	1	0	0	0	0	0	0
TUBERCULOSIS	11	0	2	1	1	0	0	1	1	1	0	2	2
SEPTICEMIA	184	15	21	13	19	13	18	20	17	13	11	11	15
MALIGNANT NEOPLASMS	5,282	439	384	462	432	462	466	464	448	393	385	352	369
--OF DIGESTIVE ORGANS AND PERITONEUM	962	76	59	88	80	80	78	78	77	101	92	62	77
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	1,461	113	116	125	112	136	109	111	114	122	118	111	115
--OF GENITOURINARY ORGANS	572	56	39	63	51	49	57	53	52	41	53	52	56
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	53	3	5	4	3	6	3	3	9	4	5	2	9
DIABETES MELLITUS	556	50	52	36	31	35	52	36	29	40	40	32	23
NUTRITIONAL DEFICIENCIES	33	2	3	3	2	3	2	2	2	2	2	3	3
ANEMIAS	34	2	3	3	3	3	3	3	3	1	3	3	3
MAJOR CARDIOVASCULAR DISEASES	9,941	941	795	899	797	841	703	751	728	699	845	760	830
DISEASES OF THE HEART	7,664	703	614	718	616	646	525	583	596	552	664	617	677
HYPERTENSION	77	6	4	7	5	7	6	7	5	7	7	3	4
CEREBROVASCULAR DISEASES	1,335	126	101	130	128	127	117	117	87	102	126	112	106
ARTERIOSCLEROSIS	138	14	8	14	10	15	8	17	11	16	12	8	11
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	267	19	19	19	18	17	13	13	29	22	24	18	24
PNEUMONIA AND INFLUENZA	670	70	54	57	43	35	31	35	44	58	53	59	61
PNEUMONIA	625	70	53	45	37	33	31	32	44	58	52	58	52
INFLUENZA	14	0	1	2	2	0	0	1	0	0	0	1	7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	997	74	77	87	86	79	75	75	71	56	85	85	68
BRONCHITIS, EMPHYSEMA, AND ASTHMA	511	39	39	46	42	38	39	40	41	33	45	37	32
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	131	12	11	11	11	12	12	12	12	9	11	7	14
COAL WORKER'S PNEUMOCONIOSIS	84	10	8	8	8	9	8	8	8	7	8	5	9
ULCER OF STOMACH AND DUODENUM	62	3	3	5	3	3	4	3	3	3	4	3	3
HERNIA AND INTESTINAL OBSTRUCTION	93	8	7	9	8	8	7	7	7	7	7	7	6
CHRONIC LIVER DISEASE AND CIRRHOSIS	171	13	13	15	15	15	15	15	15	16	15	18	16
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	31	0	0	6	0	0	0	0	0	0	0	1	5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	221	21	17	21	17	17	17	19	19	19	24	21	25
INFECTIONS OF KIDNEY	39	3	3	3	3	4	3	3	3	3	3	2	2
CONGENITAL ANOMALIES	57	3	3	5	4	4	4	4	6	3	5	8	7
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	195	14	14	18	13	13	19	14	18	13	13	11	18
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS OF NEONATE	115	9	7	11	7	8	11	8	9	9	7	5	9
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	61	3	4	5	3	3	5	4	6	3	4	3	3
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	538	48	43	48	48	47	44	43	44	44	43	45	43
ACCIDENTS, ALL FORMS	816	66	55	62	60	69	64	77	105	83	80	69	76
MOTOR VEHICLE ACCIDENTS	357	28	19	31	27	34	29	33	41	47	43	41	34
HOME ACCIDENTS	220	17	16	16	17	18	16	21	21	11	15	12	18
WORK ACCIDENTS	77	6	4	5	9	5	8	9	9	6	4	5	7
SUICIDE	243	15	15	21	24	22	16	16	27	28	21	15	29
HOMICIDE	127	9	10	10	8	12	6	8	14	8	4	11	16
ALL OTHER CAUSES (RESIDUAL)	3,979	332	315	369	328	301	311	329	318	337	314	318	349

WEST VIRGINIA RESIDENT DEATHS 1987
Autopsies by County
Table 39

COUNTY	NUMBER OF DEATHS	NUMBER OF AUTOPSIES	COUNTY	NUMBER OF DEATHS	NUMBER OF AUTOPSIES
BARBOUR	185	13	MONONGALIA	615	60
BERKELEY	471	44	MONROE	139	14
BOONE	294	52	MORGAN	133	11
BRAXTON	178	7	NICHOLAS	271	17
BROOKE	298	22	OHIO	757	52
CABELL	1,186	68	PENDLETON	89	4
CALHOUN	101	11	PLEASANTS	68	9
CLAY	105	9	POCAHONTAS	125	6
DODDRIDGE	81	5	PRESTON	305	37
FAYETTE	629	61	PUTNAM	300	24
GILMER	101	9	RALEIGH	842	88
GRANT	90	5	RANDOLPH	325	19
GREENBRIER	399	33	RITCHIE	126	8
HAMPSHIRE	153	9	ROANE	169	13
HANCOCK	381	21	SUMMERS	197	27
HARDY	107	6	TAYLOR	165	13
HARRISON	885	60	TUCKER	93	7
JACKSON	260	13	TYLER	128	7
JEFFERSON	291	31	UPSHUR	256	15
KANAWHA	2,355	229	WAYNE	419	24
LEWIS	203	17	WEBSTER	116	7
LINCOLN	231	16	WETZEL	227	11
LOGAN	649	56	WIRT	49	3
MCDOWELL	470	55	WOOD	885	41
MARION	729	64	WYOMING	259	30
MARSHALL	469	35			
MASON	272	16	TOTAL	19,763	1,636
MERCER	741	71			
MINERAL	319	27			
MINGO	332	31			

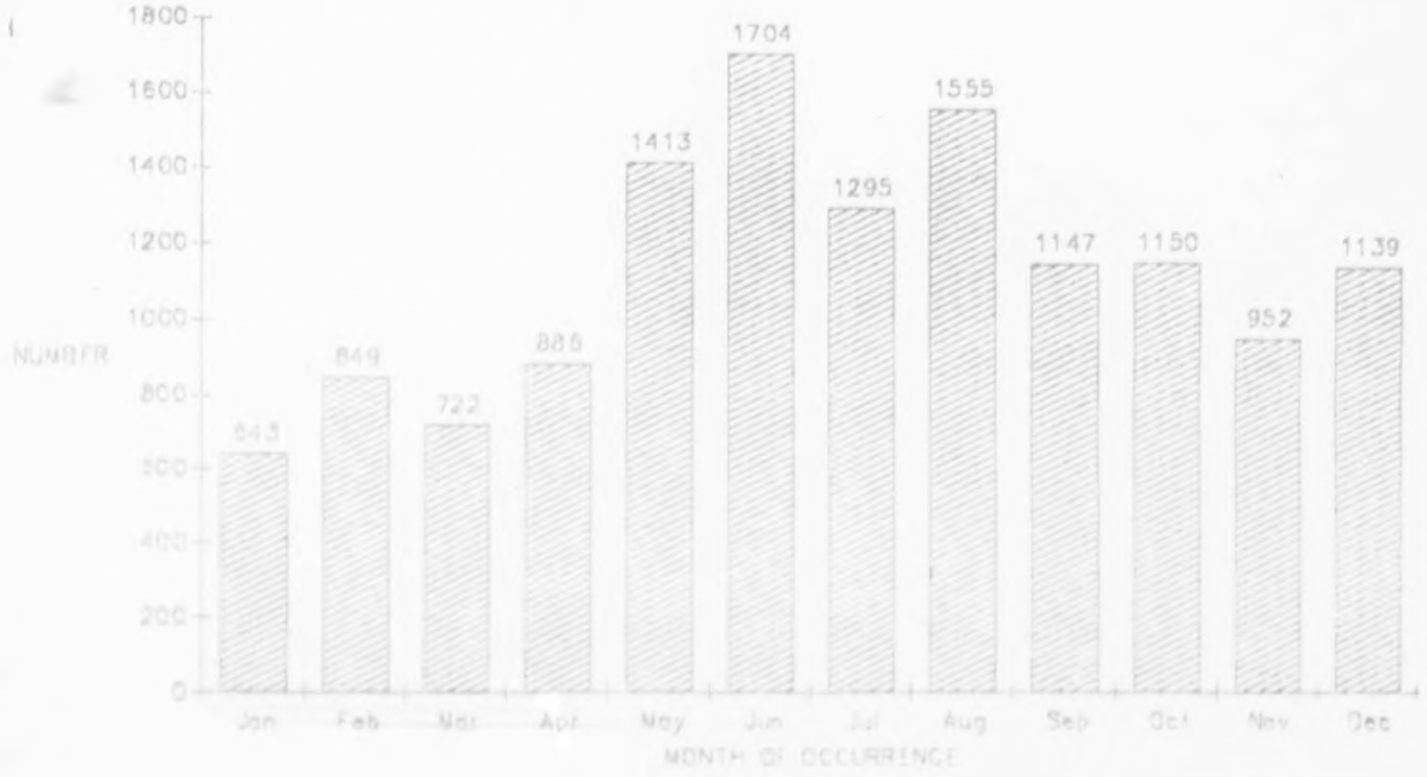
MARRIAGES AND DIVORCES

WEST VIRGINIA MARRIAGES AND DIVORCES 1968-1987
Exhibit 20



YEAR	MARRIAGES	DIVORCES AND ANNULMENTS
1968	15,221	4,382
1969	15,604	4,772
1970	15,948	5,584
1971	16,987	6,178
1972	18,270	6,270
1973	18,199	7,056
1974	17,409	7,176
1975	17,041	8,632
1976	17,229	8,893
1977	17,484	9,605
1978	17,275	9,698
1979	17,738	10,046
1980	17,391	10,273
1981	16,721	10,748
1982	16,467	10,198
1983	15,930	10,113
1984	15,513	9,625
1985	14,580	9,851
1986	14,033	9,804
1987	13,455	9,141

WEST VIRGINIA MARRIAGES 1987
Month of Occurrence
Exhibit 21



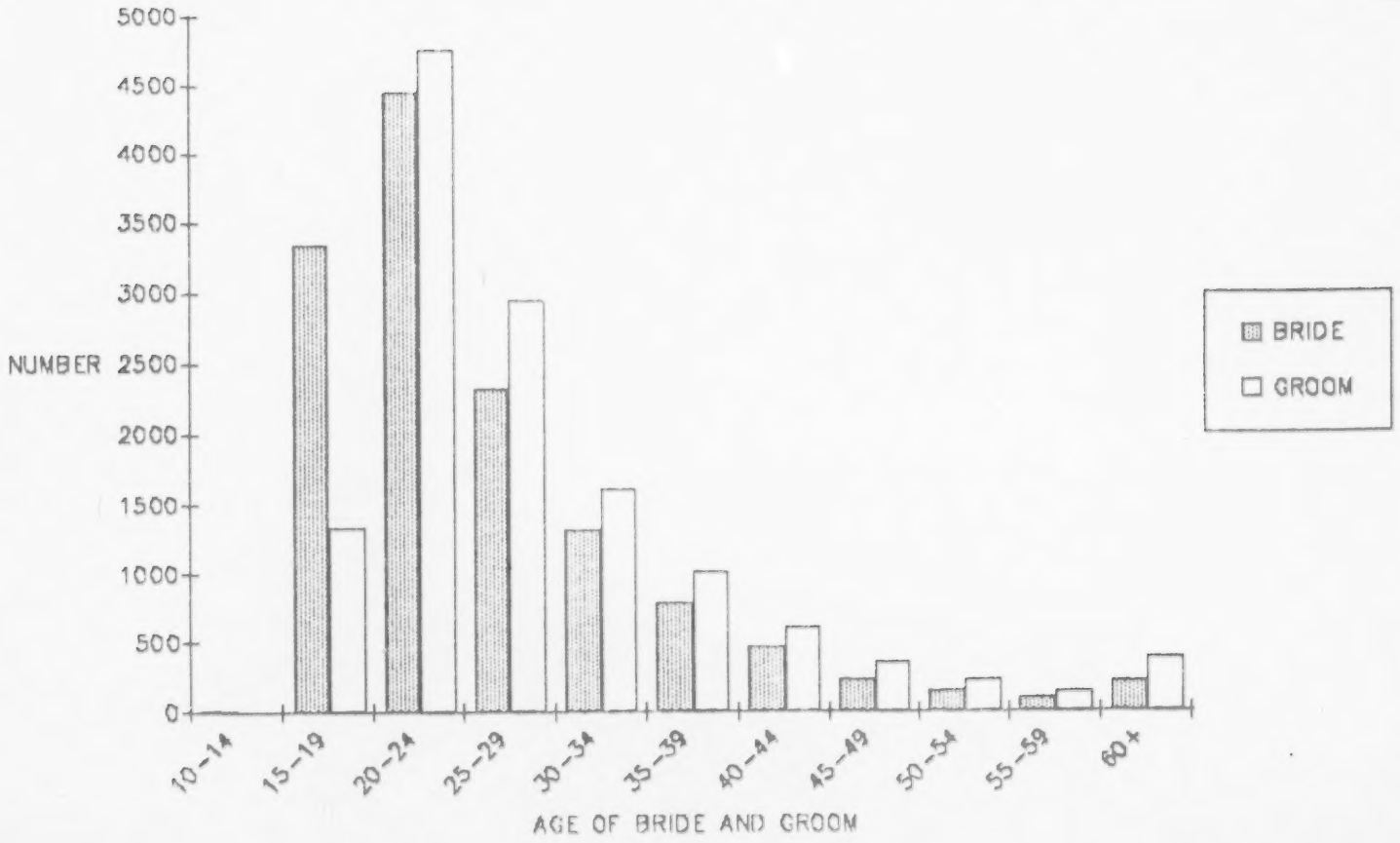
WEST VIRGINIA MARRIAGES 1987
Month of Occurrence by County
Table 40

COUNTY	MONTH OF MARRIAGE												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BARBOUR	7	4	6	6	11	14	18	23	12	6	9	11	127
BERKELEY	13	19	18	27	50	38	36	35	48	29	23	26	337
BOONE	9	13	15	11	19	22	21	25	21	10	16	21	201
BRAXTON	6	7	10	11	16	14	11	13	14	16	13	10	141
BROOKE	8	11	14	15	15	29	16	25	15	11	10	23	183
CABELL	36	49	32	62	48	95	69	71	52	65	55	44	728
CALHOUN	4	3	3	2	5	9	10	6	5	4	4	9	62
CLAY	8	5	5	9	7	18	11	9	6	11	5	12	107
DODDRIDGE	5	2	5	5	4	7	6	6	7	6	2	7	54
FAYETTE	36	25	25	19	35	41	41	41	29	29	18	31	343
GILMER	4	2	2	3	4	7	5	7	4	6	3	4	46
GRANT	1	5	5	3	7	11	6	10	10	8	6	3	69
GREENBRIER	8	18	9	7	24	24	21	25	20	25	15	14	206
HAMPSHIRE	4	3	10	5	10	13	9	7	15	8	4	9	97
HANCOCK	31	23	9	15	37	41	31	44	28	33	30	19	311
HARDY	4	4	3	5	5	15	11	13	5	5	8	11	90
HARRISON	70	57	58	53	65	83	58	62	57	65	65	65	804
JACKSON	6	18	9	10	13	24	20	24	16	18	12	21	191
JEFFERSON	9	9	6	13	21	33	8	16	25	19	35	21	215
KANAWHA	169	130	167	207	194	245	151	214	163	160	126	152	1,883
LEWIS	9	12	9	12	18	17	17	16	18	11	11	15	165
LINCOLN	9	12	4	13	15	15	11	16	11	16	20	20	184
LOGAN	20	21	21	31	24	31	22	16	20	23	15	41	345
MCDOWELL	9	11	14	18	23	17	12	15	20	17	12	16	177
MARION	31	31	34	41	41	51	45	36	33	32	23	40	419
MARSHALL	8	15	18	21	33	35	32	28	29	25	20	21	311
MASON	12	15	15	14	14	29	22	35	19	19	17	17	263
MERCER	21	23	24	32	34	34	34	36	28	26	30	26	378
MINERAL	7	14	9	14	17	19	19	19	13	14	9	8	182
MINGO	9	21	11	9	18	24	19	19	13	18	11	24	169
MONONGALIA	21	24	28	31	33	41	31	34	31	31	29	31	381
MONROE	5	8	7	11	11	14	9	13	11	11	8	7	116
MORGAN	6	9	7	11	13	15	11	14	11	11	8	8	135
NICHOLAS	11	14	11	17	20	21	19	18	17	17	14	20	210
OHIO	21	21	24	31	31	38	32	31	31	31	24	24	350
PENDLETON	3	3	3	5	5	5	5	7	4	5	5	3	52
PLEASANTS	3	5	4	5	6	8	7	7	5	6	5	5	66
POCAHONTAS	5	5	5	6	7	9	8	8	6	6	5	6	76
PRESTON	14	15	15	17	21	25	21	21	21	17	15	15	227
PUTNAM	16	17	18	21	21	27	23	24	21	21	16	16	241
RALEIGH	27	31	32	33	41	51	41	41	41	38	30	32	419
RANDOLPH	11	14	9	20	18	23	19	19	21	18	18	11	201
RITCHIE	5	6	6	8	9	11	9	9	8	8	7	7	93
ROANE	6	7	6	7	8	11	9	10	8	8	6	6	92
SUMMERS	5	6	7	8	9	11	9	10	8	8	6	6	93
TAYLOR	8	8	8	9	10	12	11	11	10	9	8	8	112
TUCKER	3	3	3	4	5	6	5	5	4	4	3	3	49
TYLER	4	5	5	6	7	8	7	7	6	6	5	5	71
UPSHUR	8	10	9	11	12	15	13	13	11	11	9	9	131
WAYNE	15	16	17	20	21	27	22	23	20	20	16	16	233
WEBSTER	3	4	4	5	5	6	5	5	4	4	3	3	51
WETZEL	8	10	10	12	13	16	14	14	12	12	10	10	141
WIRT	3	4	4	5	5	6	5	5	4	4	3	3	51
WOOD	39	39	43	53	58	70	61	62	53	53	46	43	619
WYOMING	7	8	9	11	12	14	11	12	10	10	8	8	130
OUT OF STATE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	643	649	670	796	1,011	1,191	1,095	1,223	1,130	1,139	912	1,141	10,900

WEST VIRGINIA MARRIAGES 1983-1987
Number by County
Table 41

COUNTY	1983	1984	1985	1986	1987	COUNTY	1983	1984	1985	1986	1987
BARBOUR	147	131	112	127	127	MONONGALIA	573	481	497	526	501
BERKELEY	304	305	275	276	337	MONROE	64	75	66	58	21
BOONE	276	268	288	237	201	MORGAN	69	67	65	73	66
BRAXTON	160	143	149	125	143	NICHOLAS	234	226	213	232	175
BROOKE	212	189	212	200	183	OHIO	528	540	531	530	487
CABELL	975	959	803	771	728	PENDLETON	68	66	59	68	42
CALHOUN	85	77	80	78	62	PLEASANTS	75	57	67	69	64
CLAY	128	93	102	87	107	POCAHONTAS	85	73	57	62	48
DODDRIDGE	76	75	57	61	54	PRESTON	148	135	130	148	137
FAYETTE	432	455	392	373	353	PUTNAM	317	305	310	287	324
GILMER	59	65	61	74	46	RALEIGH	550	595	534	574	562
GRANT	70	69	75	56	69	RANDOLPH	238	265	242	229	241
GREENBRIER	293	255	268	226	216	RITCHIE	96	108	90	93	98
HAMPSHIRE	82	117	83	85	97	ROANE	133	153	131	133	127
HANCOCK	356	383	325	362	311	SUMMERS	92	92	85	54	76
HARDY	87	99	87	87	79	TAYLOR	116	138	100	77	105
HARRISON	655	673	606	604	606	TUCKER	74	71	55	63	70
JACKSON	308	315	293	273	288	TYLER	80	91	78	73	89
JEFFERSON	289	219	201	211	216	UPSHUR	214	229	211	237	215
KANAWHA	2,187	2,058	1,914	1,902	1,807	WAYNE	277	287	287	230	214
LEWIS	178	170	154	176	148	WEBSTER	56	80	61	78	87
LINCOLN	215	193	214	185	201	WETZEL	158	178	158	160	165
LOGAN	476	468	458	441	440	WIRT	49	56	51	44	51
MCDOWELL	298	321	311	278	298	WOOD	691	678	615	598	575
MERCER	583	566	511	508	519	WYOMING	236	246	224	218	184
MINERAL	355	338	316	316	311	NOT OF STATE	14	14	8	9	8
MINGO	329	297	314	334	313						
MORGAN	216	223	198	197	193						
MORRIS	354	331	321	328	307	TOTAL	16,966	16,431	15,599	15,868	15,455

WEST VIRGINIA MARRIAGES 1987
Age of Bride and Groom
Exhibit 22



WEST VIRGINIA MARRIAGES 1987
Age of Bride by Age of Groom
Table 42

AGE OF BRIDE	AGE OF GROOM												
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	TOTAL
10-14 YEARS	0	8	3	0	0	0	0	0	0	0	0	0	11
15-19 YEARS	0	1,091	1,816	350	59	18	5	3	1	0	1	0	3,344
20-24 YEARS	0	215	2,381	1,293	368	125	47	12	7	4	1	0	4,453
25-29 YEARS	0	20	440	942	577	238	79	20	8	5	5	0	2,334
30-34 YEARS	0	2	90	249	418	324	149	57	18	7	13	0	1,327
35-39 YEARS	0	3	23	93	144	229	157	90	27	20	12	0	798
40-44 YEARS	0	2	6	22	41	71	127	92	73	15	24	0	473
45-49 YEARS	0	0	2	7	11	15	35	52	50	35	27	0	234
50-54 YEARS	0	0	2	0	1	2	6	27	36	29	52	0	155
54-59 YEARS	0	0	0	0	0	0	2	8	12	22	58	0	102
60 & OVER	0	0	0	0	0	1	3	3	6	14	196	0	223
UNKNOWN	0	0	1	0	0	0	0	0	0	0	0	0	1
TOTAL	0	1,341	4,764	2,956	1,619	1,023	610	364	238	151	389	0	13,455

WEST VIRGINIA MARRIAGES 1987
Previous Marital Status of Bride and Groom
Table 43

BRIDE	GROOM					
	NEVER MARRIED	WIDOWED	DIVORCED	ANNULLED	NOT STATED	TOTAL
NEVER MARRIED	7,571	71	1,252	11	12	8,917
WIDOWED	45	219	171	2	2	439
DIVORCED	1,397	212	2,425	5	10	4,049
ANNULLED	11	1	3	0	0	15
NOT STATED	9	4	13	0	9	35
TOTAL	9,033	507	3,864	18	33	13,455

WEST VIRGINIA MARRIAGES 1987
Number of Previous Marriages for Bride and Groom
Table 44

BRIDE	GROOM						
	NEVER MARRIED	ONE PREVIOUS MARRIAGE	TWO PREVIOUS MARRIAGES	THREE PREVIOUS MARRIAGES	FOUR OR MORE PREVIOUS MARRIAGES	NOT STATED	TOTAL
NEVER MARRIED	7,571	1,110	136	29	7	14	8,917
ONE PREVIOUS MARRIAGE	1,208	1,681	412	84	18	5	3,408
TWO PREVIOUS MARRIAGES	206	407	222	33	13	2	888
THREE PREVIOUS MARRIAGES	32	81	38	17	8	0	176
FOUR OR MORE PREVIOUS MARRIAGES	4	19	8	4	3	0	38
NOT STATED	12	6	2	0	0	8	28
TOTAL	9,033	3,304	868	172	49	29	13,455

WEST VIRGINIA DIVORCES AND ANNULMENTS 1987
County of Occurrence
Table 45

COUNTY	NUMBER OF DIVORCES	NUMBER OF ANNULMENTS	TOTAL	COUNTY	NUMBER OF DIVORCES	NUMBER OF ANNULMENTS	TOTAL
BARBOUR	71	0	71	MONONGALIA	320	0	320
BERKELEY	285	1	286	MONROE	50	0	50
BOONE	171	3	174	MORGAN	57	0	57
BRAXTON	80	0	80	NICHOLAS	158	1	159
BROOKE	96	0	96	OHIO	209	0	209
CABELL	538	3	541	PENDLETON	40	0	40
CALHOUN	34	0	34	PLEASANTS	45	0	45
CLAY	53	0	53	POCAHONTAS	55	1	56
DODDRIDGE	15	0	15	PRESTON	122	0	122
FAYETTE	251	1	252	PUTNAM	213	0	213
GILMER	31	0	31	RALEIGH	465	3	468
GRANT	32	0	32	RANDOLPH	131	1	132
GREENBRIER	174	0	174	RITCHIE	50	1	51
HAMPSHIRE	71	0	71	ROANE	67	0	67
HANCOCK	149	0	149	SUMMERS	66	0	66
HARDY	54	0	54	TAYLOR	92	0	92
HARRISON	309	0	309	TUCKER	46	0	46
JACKSON	123	0	123	TYLER	39	0	39
JEFFERSON	183	0	183	UPSHUR	83	0	83
KANAWHA	1,185	2	1,187	WAYNE	240	1	241
LEWIS	74	0	74	WEBSTER	45	1	46
LINCOLN	118	0	118	WETZEL	63	0	63
LOGAN	257	1	258	WIRT	17	0	17
MCDOWELL	173	1	174	WOOD	541	1	542
MARION	270	0	270	WYOMING	143	1	144
MARSHALL	156	0	156				
MASON	141	0	141	TOTAL	9,117	24	9,141
MERCER	350	1	351				
MINERAL	107	0	107				
MINGO	209	0	209				

WEST VIRGINIA DIVORCES AND ANNULMENTS 1983-1987
Number by County
Table 46

COUNTY	1983	1984	1985	1986	1987	COUNTY	1983	1984	1985	1986	1987
BARBOUR	79	67	77	95	71	MONONGALIA	377	336	305	345	320
BERKELEY	230	241	289	295	286	MONROE	88	67	55	57	50
BOONE	169	186	187	182	174	MORGAN	48	56	62	55	57
BRAXTON	75	62	68	72	80	NICHOLAS	157	140	170	137	159
BROOKE	115	126	125	113	96	OHIO	261	237	259	214	209
CABELL	629	604	639	589	541	PENDLETON	28	35	31	29	40
CALHOUN	57	42	32	28	34	PLEASANTS	40	28	20	38	45
CLAY	70	57	56	46	53	POCAHONTAS	69	43	38	46	56
DODDRIDGE	25	28	19	18	15	PRESTON	121	113	90	118	122
FAYETTE	284	290	294	289	252	PUTNAM	269	207	251	245	213
GILMER	37	35	31	31	31	RALEIGH	442	437	452	513	468
GRANT	44	41	26	42	32	RANDOLPH	196	148	191	166	132
GREENBRIER	229	190	188	187	174	RITCHIE	39	48	68	66	51
HAMPSHIRE	58	60	70	50	71	ROANE	71	83	84	73	67
HANCOCK	171	187	142	141	149	SUMMERS	65	64	87	66	66
HARDY	44	39	44	54	54	TAYLOR	78	91	84	82	92
HARRISON	320	320	408	349	309	TUCKER	31	36	42	46	46
JACKSON	131	130	144	125	123	TYLER	44	44	53	43	39
JEFFERSON	183	171	150	178	183	UPSHUR	148	132	120	103	83
KANAWHA	1,362	1,280	1,286	1,293	1,187	WAYNE	258	208	234	251	241
LEWIS	130	107	83	117	74	WEBSTER	53	53	54	45	46
LINCOLN	139	138	140	127	118	WETZEL	71	72	89	88	63
LOGAN	302	252	255	221	258	WIRT	33	29	25	23	17
MCDOWELL	203	235	234	248	174	WOOD	521	502	516	540	542
MARION	278	264	272	267	270	WYOMING	199	160	152	202	144
MARSHALL	163	205	197	155	156						
MASON	141	125	163	172	141						
MERCER	413	400	398	428	351	TOTAL	10,113	9,625	9,851	9,804	9,141
MINERAL	91	123	122	115	107						
MINGO	234	251	180	186	209						

WEST VIRGINIA DIVORCES AND ANNULMENTS 1987
Age of Husband and Wife
Table 47

AGE OF WIFE	AGE OF HUSBAND											
	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	TOTAL
10-14 YEARS	1	0	0	0	0	0	0	0	0	0	0	1
15-19 YEARS	59	215	46	9	2	0	1	0	0	0	1	333
20-24 YEARS	21	715	657	162	51	27	11	3	1	0	12	1,660
25-29 YEARS	3	115	748	618	206	54	25	6	3	1	5	1,784
30-34 YEARS	0	19	137	641	477	117	42	8	10	7	11	1,469
35-39 YEARS	2	16	35	143	493	354	99	37	11	12	6	1,208
40-44 YEARS	0	2	17	35	80	243	189	63	23	14	6	672
45-49 YEARS	0	1	3	6	23	58	128	97	34	25	1	376
50-54 YEARS	0	1	1	1	6	11	35	54	54	35	2	200
54-59 YEARS	0	0	0	0	1	5	10	10	41	58	0	125
60 & OVER	0	0	1	1	0	0	1	10	14	117	1	145
UNKNOWN	0	7	11	11	15	7	8	4	1	2	1,102	1,168
TOTAL	86	1,091	1,656	1,627	1,354	876	549	292	192	271	1,147	9,141

WEST VIRGINIA DIVORCES AND ANNULMENTS 1987
Plaintiff by Duration of Marriage
Table 48

DURATION OF MARRIAGE IN YEARS	HUSBAND AS PLAINTIFF				WIFE AS PLAINTIFF				UNKNOWN PLAINTIFF				TOTAL	PERCENT OF TOTAL
	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL		
UNDER 1	184	2	186	2.0	406	12	418	4.6	0	0	0	0.0	604	6.6
1 TO 5	1,122	1	1,123	12.3	2,531	8	2,539	27.8	0	0	0	0.0	3,662	40.1
6 TO 10	585	0	585	6.4	1,498	0	1,498	16.4	0	0	0	0.0	2,083	22.8
11 TO 15	351	0	351	3.8	833	0	833	9.1	1	0	1	0.0	1,185	13.0
16 TO 20	209	0	209	2.3	499	0	499	5.5	0	0	0	0.0	708	7.7
21 TO 25	110	0	110	1.2	269	0	269	2.9	0	0	0	0.0	379	4.1
26 TO 30	79	0	79	0.9	144	0	144	1.6	0	0	0	0.0	223	2.4
31 TO 35	30	0	30	0.3	63	0	63	0.7	0	0	0	0.0	93	1.0
36 TO 40	17	0	17	0.2	44	0	44	0.5	0	0	0	0.0	61	0.7
41 TO 45	13	0	13	0.1	12	0	12	0.1	0	0	0	0.0	25	0.3
46 TO 50	4	0	4	0.0	8	0	8	0.1	0	0	0	0.0	12	0.1
51 TO 55	1	0	1	0.0	0	0	0	0.0	0	0	0	0.0	1	0.0
56 TO 60	0	0	0	0.0	1	0	1	0.0	0	0	0	0.0	1	0.0
OVER 60	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0.0
UNKNOWN	36	0	36	0.4	67	1	68	0.7	0	0	0	0.0	104	1.1
TOTAL	2,741	3	2,744	30.0	6,375	21	6,396	70.0	1	0	1	0.0	9,141	100.0

WEST VIRGINIA DIVORCES AND ANNULMENTS 1987
Type of Decree by Number of Children
Table 49

NUMBER OF DECREES	NUMBER OF CHILDREN REPORTED UNDER 18 YEARS OF AGE										
	NONE	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT OR MORE	UNKNOWN	TOTAL
DIVORCE	4,174	2,442	1,822	550	92	22	3	3	0	9	9,117
PERCENT	45.8	26.8	20.0	6.0	1.0	0.2	0.0	0.0	0.0	0.1	99.7
ANNULMENT	23	0	0	0	0	0	0	0	0	1	24
PERCENT	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.3
TOTAL	4,197	2,442	1,822	550	92	22	3	3	0	10	9,141
PERCENT	45.9	26.7	19.9	6.0	1.0	0.2	0.0	0.0	0.0	0.1	100.0

WEST VIRGINIA DIVORCES AND ANNULMENTS 1987
Plaintiff by Age Group
Table 50

PLAINTIFF	AGE OF PLAINTIFF												
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	TOTAL
HUSBAND	0	24	316	450	494	399	274	172	83	65	117	350	2,744
PERCENT	0.0	0.9	11.5	16.4	18.0	14.5	10.0	6.3	3.0	2.4	4.3	12.8	30.0
WIFE	0	216	1,194	1,288	1,039	853	462	261	132	77	80	794	6,396
PERCENT	0.0	3.4	18.7	20.1	16.2	13.3	7.2	4.1	2.1	1.2	1.3	12.4	70.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	1	1
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
TOTAL	0	240	1,510	1,738	1,533	1,252	736	433	215	142	197	1,145	9,141
PERCENT	0.0	2.6	16.5	19.0	16.8	13.7	8.1	4.7	2.4	1.6	2.2	12.5	100.0

APPENDIXES

APPENDIX A CERTIFICATES AND FORMS

Certificate of Live Birth

LOCAL FILE NUMBER

WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS

CERTIFICATE OF LIVE BIRTH

BIRTH NO. 147 -

SAMPLE

CHILD

CHILD-NAME FIRST MIDDLE LAST (1)	SEX (2)	DATE OF BIRTH (Mo., Day, Yr.) (3a)	HOUR (3b)
			M

HOSPITAL NAME (If not in hospital, give street and number) (4a)	CITY, TOWN, OR LOCATION OF BIRTH (4b)	COUNTY OF BIRTH (4c)

CERTIFIER

I certify that the stated information concerning this birth is true to the best of my knowledge and belief. (5a) (Signature) ▶	DATE SIGNED (Mo., Day, Yr.) (5b)	NAME AND TITLE OF ATTENDANT AT BIRTH IF OTHER THAN CERTIFIER (Type or print) (5c)
CERTIFIER NAME AND TITLE (Type or print) (5d)	MAILING ADDRESS (STREET OR R.F.D. NO., CITY OR TOWN, STATE, ZIP) (5e)	

REGISTRAR (6a) (Signature) ▶	DATE RECEIVED BY REGISTRAR (Month, Day, Yr.) (6b)

MOTHER

MOTHER-MAIDEN NAME FIRST MIDDLE LAST (7a)	AGE (At time of this birth) (7b)	STATE OF BIRTH (If not in U.S.A., name country) (7c)

RESIDENCE-STATE (8a)	COUNTY (8b)	CITY, TOWN OR LOCATION (8c)	STREET & NUMBER OF RESIDENCE (8d)	INSIDE CITY LIMITS (Specify Yes or No) (8e)

MOTHER'S MAILING ADDRESS — If same as above, enter Zip Code only (9)

FATHER

FATHER-NAME FIRST MIDDLE LAST (10a)	AGE (At time of this birth) (10b)	STATE OF BIRTH (If not in U.S.A., name country) (10c)

I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. (Signature of Parent or other informant) 11a (Signature) ▶	RELATION TO CHILD (11b)

DEATH UNDER ONE YEAR OF AGE — Enter State File Number of death certificate for this child

MULTIPLE BIRTHS enter State File Number for male(s) → LIVE BIRTH(S) / FETAL DEATH(S)

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE-MOTHER (eg., White, Black, American Indian, etc.) (Specify) (12)	RACE-FATHER (eg., White, Black, American Indian, etc.) (Specify) (13)	BIRTH WEIGHT (14)	THIS BIRTH Single, twin, triplet, etc. (Specify) (15a)	If NOT SINGLE BIRTH-Born 1st, 2nd, 3rd, etc. (Specify) (15b)	IS MOTHER MARRIED? (Specify yes or no) (16)

PREGNANCY HISTORY (Complete each section)				EDUCATION-MOTHER (Specify only highest grade completed)		EDUCATION-FATHER (Specify only highest grade completed)	
LIVE BIRTHS (Do not include this Child)		OTHER TERMINATIONS (Spontaneous and Induced)		Elementary or Secondary (0-12) (18)	College (1-4 or 5 +)	Elementary or Secondary (0-12) (19)	College (1-4 or 5 +)
17a. Now living	17b. Now dead	17d. Before 20 Weeks	17e. After 20 Weeks				
Number ____ None ☐	Number ____ None ☐	Number ____ None ☐	Number ____ None ☐				

DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) (20)	MONTH OF PREGNANCY PRENATAL CARE BEGAN First, second, etc. (Specify) (21a)	PRENATAL VISITS Total Number (if none so state) (21b)	APGAR SCORE 1 min (22a)	APGAR SCORE 5 min (22b)

COMPLICATIONS OF PREGNANCY (Describe or write "none") (23)

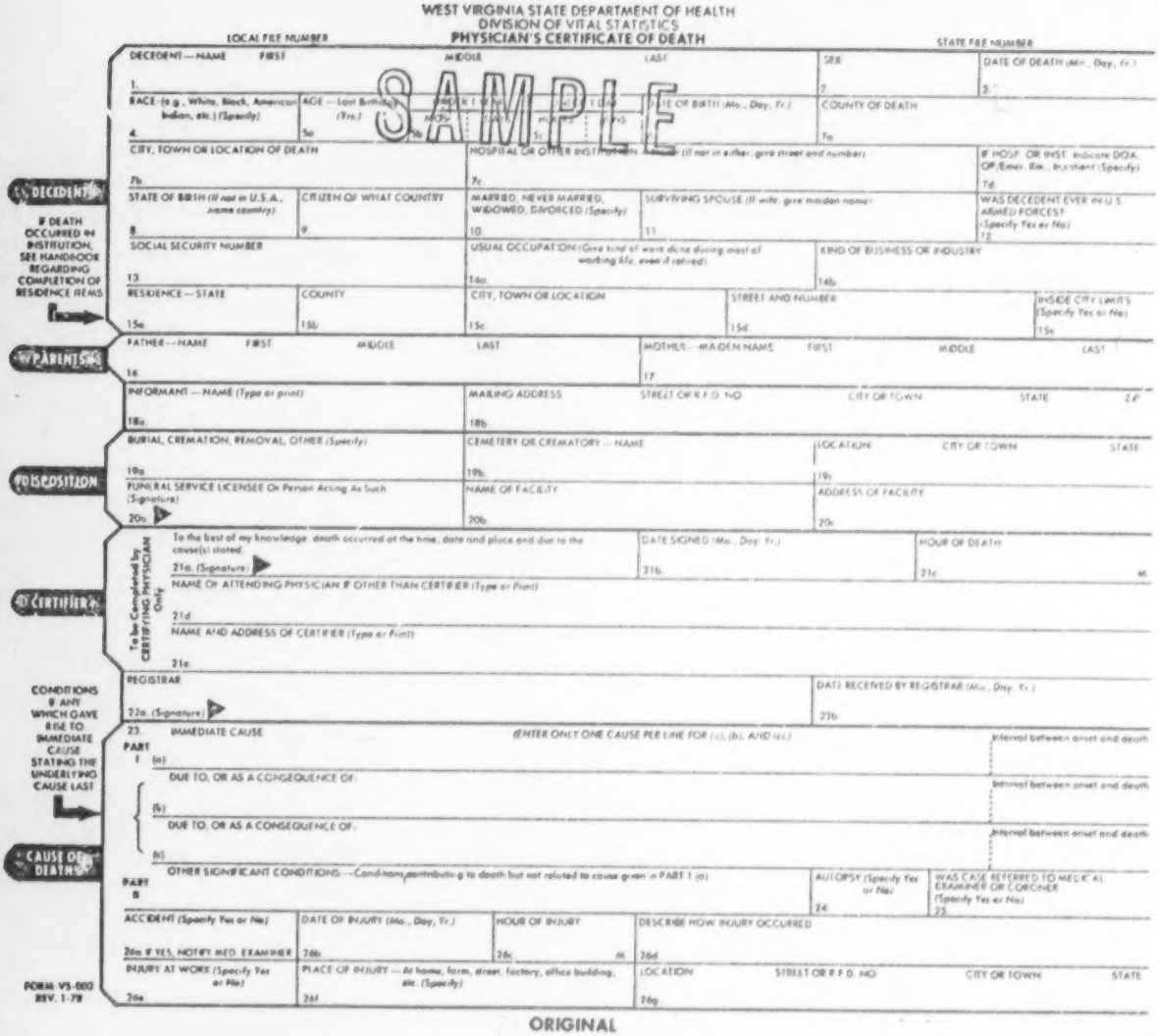
DATE OF LAST LIVE BIRTH (month, Year) (17c)	DATE OF LAST OTHER TERMINATION (as indicated in d or e above) (Month, Year) (17f)	CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none") (24)

COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none") (25)	CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write "none") (26)

WAS SEROLOGIC TEST FOR SYPHILIS PERFORMED? Yes ☐ No ☐ (27a)	If "yes" Date performed (27b) / If "no" state reason (27c)	NAME OF SEROLOGIC TEST (27d)	AT WHAT LABORATORY? (27e)	WAS APPROVED SOLUTION PLACED IN EYES? Yes ☐ No ☐ (29)

ORIGINAL

Physician's Certificate of Death



WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS
PHYSICIAN'S CERTIFICATE OF DEATH

LOCAL FILE NUMBER

STATE FILE NUMBER

SAMPLE

1. DECEDENT — NAME (FIRST, MIDDLE, LAST)
2. SEX
3. DATE OF DEATH (Mo., Day, Yr.)
4. RACE (e.g., White, Black, American Indian, etc.) (Specify)
5a. AGE — Last Birthday (Yrs.)
5b. UNDER 1 YEAR (Mos.)
5c. UNDER 1 MONTH (Days)
6. DATE OF BIRTH (Mo., Day, Yr.)
7a. COUNTY OF DEATH
7b. CITY, TOWN OR LOCATION OF DEATH
7c. HOSPITAL OR OTHER INSTITUTION — Name (If not in either, give street and number)
7d. IF HOSP. OR INST. Indicate DOA, OP/Emer. Rm., Inpatient (Specify)

DECEDENT

8. STATE OF BIRTH (If not in U.S.A., name country)
9. CITIZEN OF WHAT COUNTRY
10. MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify)
11. SURVIVING SPOUSE (If wife, give maiden name)
12. WAS DECEDENT EVER IN U.S. ARMED FORCES? (Specify Yes or No)
13. SOCIAL SECURITY NUMBER
14a. USUAL OCCUPATION (Give kind of work done during most of working life, even if retired)
14b. KIND OF BUSINESS OR INDUSTRY

IF DEATH OCCURRED IN INSTITUTION, SEE HANDBOOK REGARDING COMPLETION OF RESIDENCE ITEMS

15a. RESIDENCE — STATE
15b. COUNTY
15c. CITY, TOWN OR LOCATION
15d. STREET AND NUMBER
15e. INSIDE CITY LIMITS (Specify Yes or No)

PARENTS

16. FATHER — NAME (FIRST, MIDDLE, LAST)
17. MOTHER — MAIDEN NAME (FIRST, MIDDLE, LAST)

18a. INFORMANT — NAME (Type or print)
18b. MAILING ADDRESS (STREET OR R.F.D. NO., CITY OR TOWN, STATE, ZIP)

DISPOSITION

19a. BURIAL, CREMATION, REMOVAL, OTHER (Specify)
19b. CEMETERY OR CREMATORY — NAME
19c. LOCATION (CITY OR TOWN, STATE)
20a. FUNERAL SERVICE LICENSEE Or Person Acting As Such (Signature)
20b. NAME OF FACILITY
20c. ADDRESS OF FACILITY

CERTIFIER

To be Completed by CERTIFYING PHYSICIAN Only

To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated.
21a. (Signature)
21b. DATE SIGNED (Mo., Day, Yr.)
21c. HOUR OF DEATH
21d. NAME OF ATTENDING PHYSICIAN If OTHER THAN CERTIFIER (Type or Print)
21e. NAME AND ADDRESS OF CERTIFIER (Type or Print)

REGISTRAR

22a. (Signature)
22b. DATE RECEIVED BY REGISTRAR (Mo., Day, Yr.)

CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING THE UNDERLYING CAUSE LAST

CAUSE OF DEATH

23. IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).)

PART I
(a)
DUE TO, OR AS A CONSEQUENCE OF:
(b)
DUE TO, OR AS A CONSEQUENCE OF:
(c)
Interval between onset and death

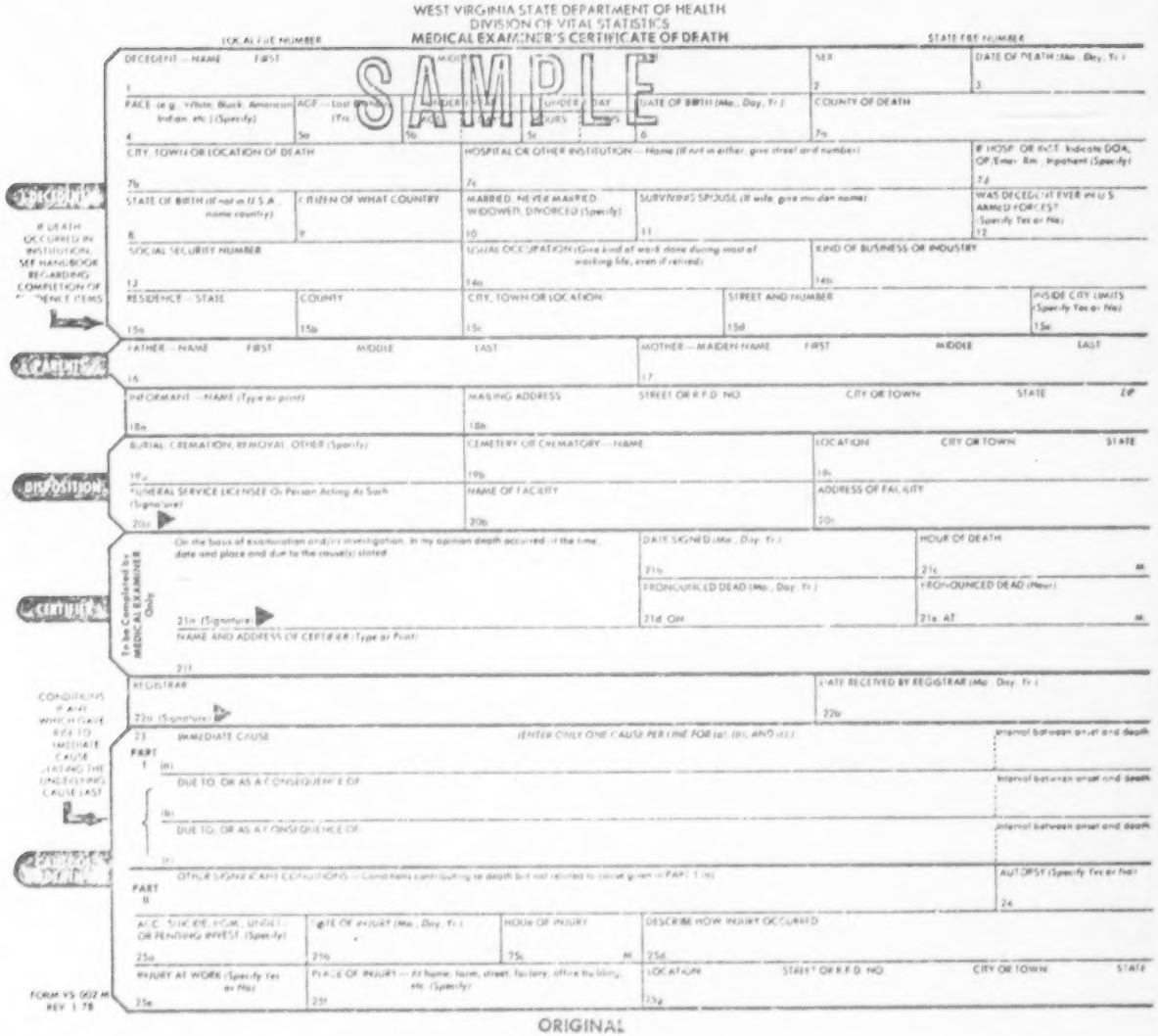
PART II
OTHER SIGNIFICANT CONDITIONS — Conditions contributing to death but not related to cause given in PART I (a)
24. AUTOPSY (Specify Yes or No)
25. WAS CASE REFERRED TO MEDICAL EXAMINER OR CORONER (Specify Yes or No)

26a. ACCIDENT (Specify Yes or No)
26b. DATE OF INJURY (Mo., Day, Yr.)
26c. HOUR OF INJURY
26d. DESCRIBE HOW INJURY OCCURRED
26e. IF YES, NOTIFY MED. EXAMINER
26f. INJURY AT WORK (Specify Yes or No)
26g. PLACE OF INJURY — At home, farm, street, factory, office building, etc. (Specify)
26h. LOCATION (STREET OR R.F.D. NO., CITY OR TOWN, STATE)

FORM VS-000 REV. 1-79

ORIGINAL

Medical Examiner's Certificate of Death



WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS
MEDICAL EXAMINER'S CERTIFICATE OF DEATH

LOCAL FILE NUMBER

STATE FILE NUMBER

SAMPLE

DECEDENT — NAME FIRST MIDDLE LAST

1

SEX 2

DATE OF DEATH (Mo., Day, Yr.) 3

RACE (e.g., White, Black, American Indian, etc.) (Specify) 4

AGE — Last Birthday (Yrs.) 5a

UNDER 1 DAY HOURS MINS 5b 5c

DATE OF BIRTH (Mo., Day, Yr.) 6

COUNTY OF DEATH 7a

CITY, TOWN OR LOCATION OF DEATH 7b

HOSPITAL OR OTHER INSTITUTION — Name (If not in either, give street and number) 7c

IF HOSP. OR INST. Indicate DOA, OP, Emer. Rm., Inpatient (Specify) 7d

PERSONAL DATA

STATE OF BIRTH (If not in U.S.A., name country) 8

CITIZEN OF WHAT COUNTRY 9

MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify) 10

SURVIVING SPOUSE (If wife, give maiden name) 11

WAS DECEDENT EVER IN U.S. ARMED FORCES? (Specify Yes or No) 12

SOCIAL SECURITY NUMBER 13

USUAL OCCUPATION (Give kind of work done during most of working life, even if retired) 14a

KIND OF BUSINESS OR INDUSTRY 14b

IF DEATH OCCURRED IN INSTITUTION — SEE HANDBOOK REGARDING COMPLETION OF [illegible] ITEMS

RESIDENCE — STATE 15a

COUNTY 15b

CITY, TOWN OR LOCATION 15c

STREET AND NUMBER 15d

INSIDE CITY LIMITS (Specify Yes or No) 15e

PARENTS

FATHER — NAME FIRST MIDDLE LAST 16

MOTHER — MAIDEN NAME FIRST MIDDLE LAST 17

INFORMANT — NAME (Type or print) 18a

MAILING ADDRESS STREET OR R.F.D. NO. CITY OR TOWN STATE ZIP 18b

DISPOSITION

BURIAL, CREMATION, REMOVAL, OTHER (Specify) 19a

CEMETERY OR CREMATORY — NAME 19b

LOCATION CITY OR TOWN STATE 19c

FUNERAL SERVICE LICENSEE Or Person Acting As Such (Signature) 20a

NAME OF FACILITY 20b

ADDRESS OF FACILITY 20c

CERTIFIER

To be Completed by MEDICAL EXAMINER Only

On the basis of examination and/or investigation, in my opinion death occurred at the time, date and place and due to the cause(s) stated.

DATE SIGNED (Mo., Day, Yr.) 21b

HOUR OF DEATH 21c AM

21a (Signature)

PRONOUNCED DEAD (Mo., Day, Yr.) 21d ON

PRONOUNCED DEAD (Hour) 21e AT AM

NAME AND ADDRESS OF CERTIFIER (Type or Print) 21f

REGISTRAR

22a (Signature)

DATE RECEIVED BY REGISTRAR (Mo., Day, Yr.) 22b

CONDITIONS, IF ANY, WHICH GAVE RISE TO IMMEDIATE CAUSE (A) STATING THE UNDERLYING CAUSE LAST

23 IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).)

PART I (a)

Interval between onset and death

DUE TO, OR AS A CONSEQUENCE OF (b)

Interval between onset and death

DUE TO, OR AS A CONSEQUENCE OF (c)

Interval between onset and death

PART II OTHER SIGNIFICANT CONDITIONS — Conditions contributing to death but not related to cause given in PART I (a) 24

AUTOPSY (Specify Yes or No)

ACCIDENT, SUICIDE, HOM., UNDET., OR PENDING INVEST. (Specify) 25a

DATE OF INJURY (Mo., Day, Yr.) 25b

HOUR OF INJURY 25c AM

DESCRIBE HOW INJURY OCCURRED 25d

INJURY AT WORK (Specify Yes or No) 25e

PLACE OF INJURY — At home, farm, street, factory, office building, etc. (Specify) 25f

LOCATION STREET OR R.F.D. NO. CITY OR TOWN STATE 25g

FORM VS 1002 M REV. 1-78

ORIGINAL

Certificate of Fetal Death

TYPE, OR PRINT IN PERMANENT INK
See Handbook For Instructions

Dist. No. ..... Serial No. .....

WEST VIRGINIA STATE DEPARTMENT OF HEALTH—DIVISION OF VITAL STATISTICS

CERTIFICATE OF FETAL DEATH

STATE FILE NO.

SAMPLE

FETUS

1. FETUS—NAME (First, Middle, Last)
2a. DATE OF DELIVERY (Month, Day, Year)
2b. HOUR (M.)
3. SEX
4a. THIS DELIVERY (Specify) (Single, twin, triplet, etc.)
4b. IF NOT SINGLE BIRTH OR DELIVERY born first, second, third, etc. (specify)
5a. COUNTY OF DELIVERY
5b. CITY, TOWN, OR LOCATION OF DELIVERY
5c. INSIDE CITY LIMITS (Specify yes or no)
5d. HOSPITAL—NAME (If not in hospital, give street and number)

MOTHER

6a. MOTHER—MAIDEN NAME (First, Middle, Last)
6b. AGE (at time of this delivery)
6c. STATE OF BIRTH (If not in U.S.A., name country)
7a. RESIDENCE—STATE
7b. COUNTY
7c. CITY, TOWN, OR LOCATION
7d. INSIDE CITY LIMITS (Specify yes or no)
7e. STREET AND NUMBER

FATHER

8a. FATHER—NAME (First, Middle, Last)
8b. AGE (at time of this delivery)
8c. STATE OF BIRTH (If not in U.S.A., name country)

CAUSE

9. PART I. FETAL DEATH WAS CAUSED BY: (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).) SPECIFY FETAL OR MATERNAL.

Fetal or maternal condition directly causing fetal death (a) IMMEDIATE CAUSE
Fetal and/or maternal conditions, if any, giving rise to the immediate cause (a) stating the underlying cause last (b) DUE TO, OR AS A CONSEQUENCE OF:
(c) DUE TO, OR AS A CONSEQUENCE OF:

PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER. Conditions contributing to fetal death but not related to cause given in Part I (a)

10. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN (Specify)
11a. AUTOPSY (Specify yes or no)
11b. IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH

CERTIFIER

I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD
12a. SIGNATURE
12b. DATE SIGNED (month, day, year)
12c. ATTENDANT—M.D., D.O., midwife, other (specify)
12d. CERTIFIER—MAILING ADDRESS (Street or R.F.D. No., city or town, state, zip)
13. AUTHORIZED OFFICIAL (If delivery not attended by physician) SIGNATURE

BURIAL

14a. BURIAL, CREMATION, OR REMOVAL (Specify)
14b. CEMETERY OR CREMATORY—NAME
14c. LOCATION (City or town, state)
14d. DATE (Month, day, year)
15a. FUNERAL HOME—NAME AND ADDRESS (Street or R.F.D. No., city or town, state, zip)
15b. FUNERAL DIRECTOR—SIGNATURE
16a. REGISTRAR—SIGNATURE
16b. DATE RECEIVED BY LOCAL REGISTRAR (month, day, year)

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

FATHER

17. RACE—FATHER (White, Negro, American Indian, etc. (Specify))
18. EDUCATION—Specify highest grade completed (Elementary (0,1,2,3,4, . . . or 8); High School (1,2,3, or 4); College (1,2,3,4, or 5+))
19a. USUAL OCCUPATION
19b. KIND OF BUSINESS OR INDUSTRY

MOTHER

20. RACE—MOTHER (White, Negro, American Indian, etc. (Specify))
21. EDUCATION—Specify highest grade completed (Elementary (0,1,2,3,4, . . . or 8); High School (1,2,3, or 4); College (1,2,3,4, or 5+))
22a. USUAL OCCUPATION
22b. KIND OF BUSINESS OR INDUSTRY

MULTIPLE BIRTHS
Enter State File Number for Mate(s)
LIVE BIRTH(S)
FETAL DEATH(S)

PREVIOUS DELIVERIES—HOW MANY OTHER CHILDREN

23a. ARE NOW LIVING
23b. WERE BORN ALIVE—NOW DEAD
23c. WERE BORN DEAD (Fetal death at any time after conception)
23d. DATE OF LAST LIVE BIRTH (Month, Day, Year)
23e. DATE OF LAST FETAL DEATH (Month, Day, Year)
24a. DATE LAST NORMAL MENSES BEGAN (Month, day, year)
24b. MONTH OF PREGNANCY PRENATAL CARE BEGAN 1st, 2o, etc. (Specify)
24c. PRENATAL VISITS Total number (If none, so state)
25a. WAS SEROLOGIC TEST FOR SYPHILIS PERFORMED Yes ☐ No ☐
25b. If "NO" STATE REASON
26. LEGITIMATE (Specify yes or no)
27. BIRTH WEIGHT lbs. ozs.
28. COMPLICATIONS RELATED TO PREGNANCY OR LABOR (Describe or write "none")
29. BIRTH INJURIES TO FETUS (Describe or write "none")
30. COMPLICATIONS NOT RELATED TO PREGNANCY OR LABOR (Describe or write "none")
31. CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or write "none")

Form VS-003 (1-1-68)

Application for Marriage License

WEST VIRGINIA STATE DEPARTMENT OF HEALTH - DIVISION OF VITAL STATISTICS

APPLICATION FOR MARRIAGE LICENSE

License No. _____ _____
License Issued: Date _____ County _____ State file No. _____

Write plainly with permanent ink or typewriter.

SAMPLE

GROOM

1. FULL NAME (First) (Middle) (Last) — 2. COLOR OR RACE

3. DATE OF BIRTH (Month) (Day) (Year) — 4. AGE (Last Birthday) _____ Years — 5. RELATIONSHIP TO BRIDE _____ None ☐

6. BIRTHPLACE (City or Town, State or Foreign Country) — 7. USUAL RESIDENCE Street & No. or Rur. Rte. — City or Town — County — State

8. PREVIOUS MARITAL STATUS — Never Married ☐ — LAST MARRIAGE ENDED BY: Death ☐ Divorce ☐ Annulment ☐ — 9. NUMBER OF PREVIOUS MARRIAGES _____ None ☐ — 10. EVIDENCE OF AGE

11. FATHER'S NAME — 12. MOTHER'S MAIDEN NAME

BRIDE

13. FULL NAME (First) (Middle) (Last) — 14. COLOR OR RACE

15. DATE OF BIRTH (Month) (Day) (Year) — 16. AGE (Last Birthday) _____ Years — 17. RELATIONSHIP TO GROOM _____ None ☐

18. BIRTHPLACE (City or Town, State or Foreign Country) — 19. USUAL RESIDENCE Street & No. or Rur. Rte. — City or Town — County — State

20. PREVIOUS MARITAL STATUS — Never Married ☐ — LAST MARRIAGE ENDED BY: Death ☐ Divorce ☐ Annulment ☐ — 21. NUMBER OF PREVIOUS MARRIAGES _____ None ☐ — 22. EVIDENCE OF AGE

23. FATHER'S NAME — 24. MOTHER'S MAIDEN NAME

The applicant(s), being first duly sworn, declares that the statements above are true and correct

Bride and groom must sign. →

25. SIGNATURE OF GROOM — 26. SIGNATURE OF BRIDE

27. Taken, subscribed and sworn to before the undersigned authority by the applicant(s), above, this _____ day of _____, 19____

_____ County Clerk By _____

Deputy Clerk, County Court of _____ County, W. Va.

RECORD OF MARRIAGE

To County Clerk:
1. Transcribe information from marriage license to Record of Marriage.
2. Item 31: Enter date this record is completed.

28. DATE OF MARRIAGE (Month) (Day) (Year) — 29. COUNTY OF MARRIAGE — 30. CITY OR TOWN OF MARRIAGE

31. OFFICIANT'S A. NAME _____ B. ADDRESS _____

C. AUTHORIZED POSITION ☐ RELIGIOUS OFFICIAL _____ Specify Religious Body — ☐ CIVIL OFFICIAL _____ Specify Authorized Position

32. SIGNATURE OF COUNTY CLERK — 33. DATE FILED (Month) (Day) (Year)

VS-008 (Rev. 7-1-65)

Monthly Report of Divorces and Annulments of Marriage Granted

WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS

Page No. ____

MONTHLY REPORT OF DIVORCES AND ANNULMENTS OF MARRIAGE GRANTED

_____ COUNTY REPORT FOR THE MONTH OF _____, 19 ____

CIVIL ACTION NUMBER	NAME HUSBAND'S FULL NAME WIFE'S MAIDEN NAME	DATE OF BIRTH, OR AGE	PLACE OF THIS MARRIAGE COUNTY STATE	DATE OF THIS MARRIAGE	PLAINTIFF (SPECIFY)	DIVORCE OR ANNULMENT (SPECIFY)	NAME(S) CHILDREN UNDER EIGHTEEN	DATE OF THIS DECREE	DO NOT WRITE IN THIS SPACE

SAMPLE

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DVS-9 (5-'67)

(SEE REVERSE SIDE FOR INSTRUCTIONS AND CERTIFICATION)

APPENDIX B GROUPINGS OF ICDA CODES

I.C.D.A.	SELECTED CAUSES
001-009	Intestinal infectious diseases
010-018	Tuberculosis
038	Septicemia
140-208	Malignant neoplasms
150-159	--of digestive organs and peritoneum
160-165	--of respiratory and intrathoracic organs
179-189	--of genitourinary organs
210-239	Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature
250	Diabetes mellitus
260-269	Nutritional deficiencies
280-285	Anemias
390-448	Major cardiovascular diseases
390-398, 402, 404-429	Diseases of the heart
401,403	Hypertension with or without renal disease
430-438	Cerebrovascular diseases
440	Arteriosclerosis
441-448	Other diseases of arteries, arterioles, and capillaries
480-487	Pneumonia and influenza
480-486	Pneumonia
487	Influenza
490-496	Chronic obstructive pulmonary disease and allied conditions
490-493	Bronchitis, emphysema, and asthma
500-508	Pneumoconiosis and other lung diseases due to external agents
500	Coalworker's pneumoconiosis
531-533	Ulcer of stomach and duodenum
550-553, 560	Hernia of abdominal cavity and intestinal obstruction
571	Chronic liver disease and cirrhosis
574-575	Cholelithiasis and other disorders of gallbladder
580-589	Nephritis, nephrotic syndrome, and nephrosis
590	Infection of kidney
740-759	Congenital anomalies
760-779	Certain conditions originating in the perinatal period
765	Disorders relating to short gestation and unspecified low birthweight
767-769	Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome
780-799	Symptoms, signs, and ill-defined conditions
E800-E949	Accidents, all forms
E810-E825	Motor vehicle accidents
	Home accidents
	Work accidents
E950-959	Suicide
E960-969	Homicide
Residual Codes	All other causes